

List of Variables

Business Survey Service Sector

Data: 10/2004-12/2018

As of June 2019

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List of variables - Ifo Business Survey Service Sector

1. Variables of identification

2. Standard questions

3. Special questions

1. Variables of identification

No.	Name	Label	German description
1.1)	survey	survey	Umfrage
1.2)	year	year	Erhebungsjahr
1.3)	month	month	Monat
1.4)	idnum	firm X address file id	Firmenidentifikationsnummer
1.5)	runnum	running number of plant	Laufende Firmennummer
1.6)	dl_plantnum	KT information id	12-stellige KT Identifikations nummer
1.7)	sector_id	sector id	Sektor ID
1.8)	fedstaifo	federal state (ifo-code)	Bundesland entsprechend ifo Codierung
1.9)	sector_wz03	wz03 sector classification	Wirtschaftsbereich nach WZ03
1.10)	sector_wz08	wz08 sector classification	Wirtschaftsbereich nach WZ08
1.11)	sector_total	ebdc sector classification	Wirtschaftsbereich nach EBDC-eigener Klassifizierung
1.12)	dl_size	size range	Größenklasse
1.13)	dl_size_turnover	size of turnover	Umsatzgrößenklasse
1.14)	dl_size_employees	size of employees	Beschäftigtengrößenklasse

II. Variables regarding the survey process

No.	Name	Label	German description
1.15)	online	online	Fragebogen online beantwortet
1.16)	survey_start	survey start	Umfragebeginn
1.17)	survey_end	survey end	Umfrageende
1.18)	participation_date	participation date	Teilnahmedatum
1.19)	participation_hour	participation hour	Teilnahmestunde
1.20)	participation_status	participation status	Teilnahmestatus
1.21)	dl participant	participation in this survey	Teilnahme

2. Standard questions

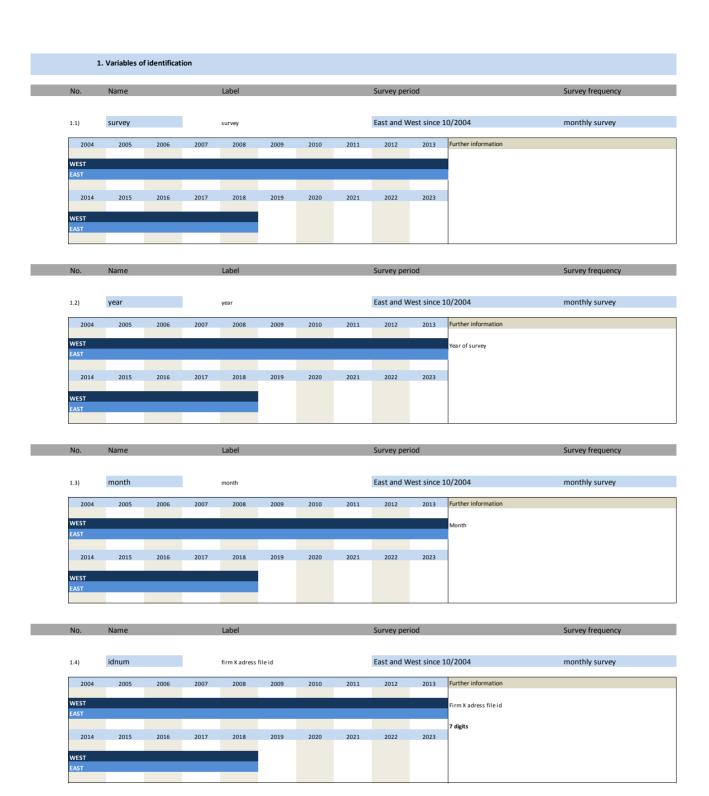
No.	Name	Label	German description
2.1)	dl_statebus	state of business (appraisal)	Beurteilung der Geschäftslage
2.2)	dl_statebus_sl	state of business (VAS)	Beurteilung der Geschäftslage (Slider)
2.3)	dl_statebus_clicks	state of business (clicks)	Beurteilung der Geschäftslage (Klicks)
2.4)	dl busvolqu	business volume last 3 months	Entwicklung der Geschäftslage in den letzten 3 Monaten
2.5)	dl_demandsales	demand / sales volume last 2-3 months	Entwicklung der Nachfrage/des Umsatz in den letzten 2-3 Monaten
2.6)	dl demandlast	demand / sales last month versus same month of previous year	Entwicklung von Nachfrage/Umsatz im letzten Monat ggü. Vorjahresmonat
2.7)	dl orders	orders (appraisal)	Beurteilung des Auftragsbestandes
2.8)	dl employlast	employees last 2-3 months	Entwicklung der Beschäftigtenzahl in den letzten 2-3 Monaten
2.9)	dl demandexp	expected demand / sales volume for the next 2-3 months	Erwartete Entwicklung von Nachfrage/Umsatz in den nächsten 2-3 Monaten
2.10)	dl employexp	expected employees for the next 2-3 months	Erwartete Entwicklung der Beschäftigtenzahl
2.11)	dl_expectbus	expected business situation for the next 6 months	Erwartete Geschäftsentwicklung in den nächsten 6 Monaten
2.12)	dl expectbus sl	expected business situation (VAS)	Erwartete Geschäftsentwicklung (Slider)
2.13)	dl expectbus clicks	expected business situation (clicks)	Erwartete Geschäftsentwicklung (Klicks)
2.14)	dl expectbus unc	uncertainty w.r.t. commercial operation	Slider Unsicherheit
2.15)	dl pricenext	prices for the next 3 months	Erwartete Preisentwicklung in den nächsten 3 Monaten
2.16)	dl_emplpast	development employee last month	Entwicklung der Gesamtbeschäftigtenzahl im Vormonat
2.17)	dl_prvpm	prices versus past	Preise in Vergangenheit
2.18)	dl ordvpm	orders versus past	Bestand an Aufträgen in Vergangenheit

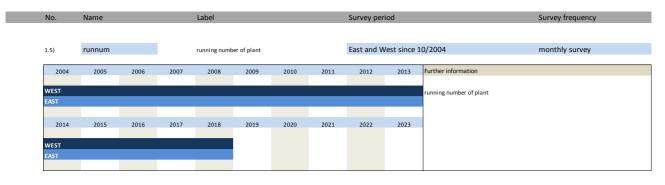
3. Special questions

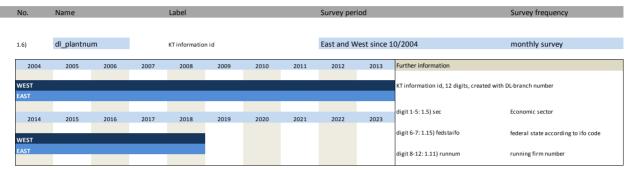
No.	Name	Label	German description
3.1)	dl_constrbus	constraints to business activity	Behinderung der Geschäftstätigkeit
3.2)	dl_lackdem	constaints by lack of demand	Behinderung der Geschäftstätigkeit durch unzureichende Nachfrage
3.3)	dl_skilllack	constaints: lack of skilled labour	Behinderung der Geschäftstätigkeit durch Mangel an Fachkräften
3.4)	dl lacktec	constaints by lack of technical capacities	Behinderung der Geschäftstätigkeit durch zu geringe technische Kapazitäten
3.5)	dl finan	constaints by problems of financing	Behinderung der Geschäftstätigkeit durch Finanzierungsengpässe
3.6)	dl lackroom	constaints by lack of room / business equipment	Behinderung der Geschäftstätigkeit durch Raummangel
3.7)	dl weather	constaints by weather conditions	Behinderung der Geschäftstätigkeit durch Wetterlage
3.8)	dl mplack	constaints: lack of manpower	Behinderung der Geschäftstätigkeit durch Mangel an Arbeitskräften
3.9)	dl othrea	constaints by other reasons	Behinderung der Geschäftstätigkeit durch andere Ursachen
3.10)	dl kap1	potential of existing capacity	Potential der vorhandenen Kapazitäten
3.11)	dl kap2	potential capacity expantion in %	Potential der vorhandenen Kapazitäten in %
3.12)	dl fambus	family business	Familienunternehemen
3.13)	dl_minim1	minimum wage q1	Mindestlohn Frage 1
3.14)	dl_minim2	minimum wage q2	Mindestlohn Frage 2
3.15)	dl minim3	minimum wage q3	Mindestlohn Frage 3
3.16)	dl minim4	minimum wage q4	Mindestlohn Frage 4

3.17)			
	dl_minim5	minimum wage q5	Mindestlohn Frage 5
3.18)	dl_minim6	minimum wage q6	Mindestlohn Frage 6
3.19)	dl_minim7	minimum wage q7	Mindestlohn Frage 7
3.20)	dl_minim8	minimum wage q8	Mindestlohn Frage 8
3.21)	dl invest lj	total investment last year	Entwicklung der Investititonen letztes Jahr
3.22)	dl invcon lj	investment in construction last year	Investitionen in Bauten letztes jahr
3.23)	dl inveq lj	investment in equipment last year	Investitionen in Ausrüstung letztes Jahr
3.24)	dl invest dj	ttoal investment this year	Investitionenerwartungen für das kommende Jahr
3.25)	dl_invcon_dj	einvestment in construction this year	Erwartete Investitionen in Bauten dieses Jahr
3.26)	dl inveg dj	investment in equipment this year	Erwartete Investitionen in Ausrüstung dieses Jahr
3.27)	dl invest nj	total investment next year	Investitionen im kommenden Jahr, insgesamt
3.28)	dl invcon nj	investment in construction next year	Investititonen im kommenden Jahr, Bauten
3.29)		investment in equipment next year	Investitionen im kommenden Jahr, Ausrüstung
3.30)	dl_inveq_nj dl ref1	refugees question 1	Flüchtlinge Frage 1
3.31)	_	refugees question 2	Flüchtlinge Frage 2
3.32)	dl_ref2		
	dl_ref3	refugees question 3	Flüchtlinge Frage 3
3.33)	dl_ref4	refugees question 4	Flüchtlinge Frage 4
3.34)	dl_ref5	refugees question 5	Flüchtlinge Frage 5
3.35)	dl_ref6	refugees question 6	Flüchtlinge Frage 6
3.36)	dl_ref7	refugees question 7	Flüchtlinge Frage 7
3.37)	dl_ref8	refugees question 8	Flüchtlinge Frage 8
3.38)	dl_ref9	refugees question 9	Flüchtlinge Frage 9
3.39)	dl_minim_post1	affected by minimum wage	von Mindestlohn betroffen
3.40)	dl_minim_post2	no minimum wage measures	keine Mindestlohn- Maßnahmen
3.41)	dl_minim_post3	measures: employee reduction	Maßnahmen: Personalabbau
3.42)	dl_minim_post4	measures: working hour reduction	Maßnahmen: Arbeitszeitreduzierung
3.43)	dl_minim_post5	measures: increased prices	Maßnahmen: Preiserhöhungen
3.44)	dl_minim_post6	measures: decreased investment	Maßnahmen: verringerte Investitionen
3.45)	dl_minim_post7	measures: decreased special payments	Maßnahmen: Kürzungen von Sonderzahlungen
3.46)	dl minim post8	less minijobs	Minijobs weggefallen
3.47)	dl_minim_post9	minijobs transformed into insurable employment	Minijobs in soz.vers.pflichtige Besch.verhältnisse umgewandelt
3.48)	dl minim post10	new insurable employment	neue soz.vers.pflichtige Besch.verhältnisse
3.49)	dl minim post11	employment relationships did not change	keine veränderten Besch.Verhältnisse
3.50)	dl_mmm_post11	credit agreement signed	Keine veranderten Besch.vernaltnisse Kreditvertrag abgeschlossen
3.51)	dl creditno		
3.52)	_	credit agreement not signed	Kreditvertrag nicht abgeschlossen
3.53)	dl_credituse1	financing of ongoing operating resources	Finanzierung laufender Kreditmittel
	dl_credituse2	financing of an investment	Finanzierung einer Investition
3.54)	dl_credituse3	other financing	Sonstiger Verwendungszweck
3.55)	dl_midmanager	mid tier: more than 4 managers	Mittlestand: mehr als 4 Manager
3.56)	dl_midmanshare	mid tier: at least one manager has shares	Mittelstand: Mindestens ein Manager hat Anteile
3.57)	dl_midyes	mid tier: company rated as mid tier	Mittelstand: Als Mittelstand eingeschätzt
3.58)	dl_credit2_1	credit seeking	Kreditverhandlungen durchgeführt
3.59)	dl_credit2_2	credit allocation	Kreditvergabe: Verhalten der Banken
3.60)	dl_credit2_3	reasons for not credit seeking	Gründe für keine Kreditverhandlungen
3.61)	dl_exports	exporting services to foreign companies/persons	Export von Dienstleistungen
3.62)	dl_negint	confronted with negative interest rates	Wurden Sie mit Negativzinsen konfrontiert?
3.63)	dl_negint_noact	negative interest actions: none	Keine Maßnahmen
3.64)	dl_negint_agree	negative interest actions: bank agreements	Verhandlungen mit Bank
3.65)	dl negint change	negative interest actions: change of bank	Wechsel der Bank
3.66)	dl negint inc	negative interest actions: increase of cash	Erhöhung der Bargeldhaltung
3.67)	dl negint redas	negative interest actions: redeployment in other financial assets and	Umschichtung Finanzanlagen/Rückzahlung von Krediten
3.07)	ui_negint_redas		onschichtung rinanzamagen/kuckzamung von kreuiten
		settlement of credits	
3.68)	dl negint redasint	settlement of credits negative interest actions: redeployment of assets within company	Umschichtung des Guthabens
3.68)	dl_negint_redasint		Umschichtung des Guthabens
3.68)			Umschichtung des Guthabens
	dl_negint_redasint dl_negint_inv	negative interest actions: redeployment of assets within company	
3.69) 3.70)		negative interest actions: redeployment of assets within company negative interest actions: investing or preponing (additional)	
3.69)	dl_negint_inv	negative interest actions: redeployment of assets within company negative interest actions: investing or preponing (additional) investments	
3.69) 3.70)	dl_negint_inv dl_negint_oth	negative interest actions: redeployment of assets within company negative interest actions: investing or preponing (additional) investments negative interest actions: other	Investitionen Andere
3.69) 3.70) 3.71)	dl_negint_inv dl_negint_oth dl_negint_burden	negative interest actions: redeployment of assets within company negative interest actions: investing or preponing (additional) investments negative interest actions: other burden of negative interest rates on profit situation	Investitionen Andere Belastung durch Negativzinsproblematik
3.69) 3.70) 3.71) 3.72)	dl_negint_inv dl_negint_oth dl_negint_burden dl_negint_banks	negative interest actions: redeployment of assets within company negative interest actions: investing or preponing (additional) investments negative interest actions: other burden of negative interest rates on profit situation number of relationship banks tax reform: percentage sales in US tax reform: competition with US-companies	Investitionen Andere Belastung durch Negativzinsproblematik Wie viele Banken? US Steuerreform: prozentualer Umsatz in USA US Steuerreform: Wettbewerb mit US-Firmen
3.69) 3.70) 3.71) 3.72) 3.73)	dl_negint_inv dl_negint_oth dl_negint_burden dl_negint_banks dl_ustax_sales	negative interest actions: redeployment of assets within company negative interest actions: investing or preponing (additional) investments negative interest actions: other burden of negative interest rates on profit situation number of relationship banks tax reform: percentage sales in US tax reform: competition with US-companies tax reform: tax burden short term	Investitionen Andere Belastung durch Negativzinsproblematik Wie viele Banken? US Steuerreform: prozentualer Umsatz in USA
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3.69) 3.70) 3.71) 3.73) 3.74) 3.75) 3.76) 3.77) 3.78) 3.79) 3.80) 3.81) 3.82) 3.83) 3.84) 3.85) 3.86) 3.87) 3.88) 3.90) 3.91) 3.92) 3.93) 3.94) 3.95) 3.96) 3.97) 3.98) 3.99) 3.100) 3.101) 3.102) 3.103)	dl_negint_inv dl_negint_oth dl_negint_burden dl_negint_banks dl_ustax_sales dl_ustax_sales dl_ustax_longterm dl_ustax_longterm dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_stax_inver dl_stax_inver dl_stax_invelprop dl_gdp1 dl_gdp2 dl_fserv dl_fserv_curreu dl_fserv_curreu dl_fserv_planeu dl_fserv_planeu dl_fop_need dl_fop_need dl_fop_qual dl_fop_dem dl_fop_dem dl_fop_tind dl_fop_stand dl_fop_cultb dl_fop_tind dl_fop_stand dl_fop_tind dl_fop_stand dl_fop_tind dl_fop_stand dl_fop_tind dl_fop_stand dl_fop_cultb dl_fop_tind dl_fop_stand dl_fop_cultb dl_fop_tind dl_fop_stand dl_fop_cultb dl_fop_tind dl_forsales dl_invit_oj dl_sec_management dl_sec_controlling	negative interest actions: redeployment of assets within company negative interest actions: investing or preponing (additional) investments negative interest actions: other burden of negative interest rates on profit situation number of relationship banks tax reform: percentage sales in US tax reform: percentage sales in US tax reform: competition with US-companies tax reform: tax burden short term tax reform: tax burden long term tax reform: reaction import tax reform: reaction investment in US tax reform: reaction investment in US tax reform: reaction investment in Germany tax reform: reaction investment in Germany tax reform: reaction investment in Germany tax reform: relaction investment in US tax reform: relaction investment in Germany tax reform: relaction of intellectual property foreign operations challenge: in another European country planned foreign operations challenge: no need foreign operations challenge: no need foreign operations challenge: no demand foreign operations challenge: no demand foreign operations challenge: of the found in tax	Andere Belastung durch Negativzinsproblematik Wie viele Banken? US Steuerreform: prozentualer Umsatz in USA US Steuerreform: Wettbewerb mit US-Firmen US Steuerreform: Steuerbelastung kurzfristig US Steuerreform: Steuerbelastung langfristig US Steuerreform: Reaktion Importe US Steuerreform: Reaktion Importe US Steuerreform: Reaktion Investitionen in USA US Steuerreform: Reaktion Investitionen in Deutschland US Steuerreform: Reaktion Investitionen in USA US Steuerreform: Reaktion In
3.69) 3.70) 3.71) 3.72) 3.73) 3.74) 3.75) 3.76) 3.77) 3.78) 3.80) 3.81) 3.82) 3.83) 3.84) 3.85) 3.86) 3.87) 3.89) 3.90) 3.91) 3.92) 3.93) 3.94) 3.95) 3.96) 3.97) 3.98) 3.99) 3.100) 3.101) 3.102) 3.103)	dl_negint_inv dl_negint_oth dl_negint_burden dl_negint_banks dl_ustax_sales dl_ustax_sometition dl_ustax_shortterm dl_ustax_inongterm dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_stax_inver dl_ustax_inver dl_stax_inver dl_stax_inver dl_stax_inver dl_stay_inver dl_stay_inver dl_stay_inver dl_stay_inver dl_stay_inver dl_stay_inver dl_stay_inver dl_fop_ot dl_fopro_urreu dl_fserv_curreu dl_fserv_planeu dl_fserv_planeu dl_fserv_planeu dl_fop_need dl_fop_need dl_fop_eded dl_fop_dem dl_fop_dem dl_fop_stand dl_fop_stand dl_fop_stand dl_fop_cultb dl_fop_oth dl_fop_oth dl_fonund dl_forsales dl_invit_oj dl_sec_management dl_sec_marketing	negative interest actions: redeployment of assets within company negative interest actions: investing or preponing (additional) investments negative interest actions: other burden of negative interest rates on profit situation number of relationship banks tax reform: percentage sales in US tax reform: competition with US-companies tax reform: tax burden short term tax reform: tax burden short term tax reform: reaction export tax reform: reaction import tax reform: reaction investment in US tax reform: reaction investment in Germany tax reform: reaction investment in usb tax reform: reaction investment in sonthare/Database net year sector - questionnaire completed in: management sector - questionnaire completed in: management	Andere Belastung durch Negativzinsproblematik Wie viele Banken? US Steuerreform: prozentualer Umsatz in USA US Steuerreform: Wettbewerb mit US-Firmen US Steuerreform: Steuerbela stung kurfristig US Steuerreform: Steuerbela stung langfristig US Steuerreform: Steuerbela stung langfristig US Steuerreform: Reaktion Exporte US Steuerreform: Reaktion Investitionen in USA US Steuerreform: Reaktion Investitionen in USA US Steuerreform: Reaktion Investitionen in Deutschland US Steuerreform: Verlagerung von gelstigen Eigentum reales BIP: prozentuale Änderung vgl. zum Vorjahr Einfluss allg. Konjunkturentwicklung auf Geschäftslage DL für Ausland aktuelle DL für Ausland: europäisches Ausland aktuelle DL für Ausland: außerhalb Europas geplante DL für Ausland: außerhalb Europas Auslandsaktivitäten Herausforderung; kein Bedarf Auslandsaktivitäten Herausforderung: keine Qualifikation Auslandsaktivitäten Herausforderung: Marktzutrittsbeschränkung Auslandsaktivitäten Herausforderung: Schutz v. geistigen Eigentum Auslandsaktivitäten Hera
3.69) 3.70) 3.71) 3.73) 3.74) 3.75) 3.76) 3.77) 3.78) 3.79) 3.80) 3.81) 3.82) 3.83) 3.84) 3.85) 3.86) 3.87) 3.88) 3.90) 3.91) 3.92) 3.93) 3.94) 3.95) 3.96) 3.97) 3.98) 3.99) 3.100) 3.101) 3.102) 3.103)	dl_negint_inv dl_negint_oth dl_negint_burden dl_negint_banks dl_ustax_sales dl_ustax_sales dl_ustax_longterm dl_ustax_longterm dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_ustax_inver dl_stax_inver dl_stax_inver dl_stax_invelprop dl_gdp1 dl_gdp2 dl_fserv dl_fserv_curreu dl_fserv_curreu dl_fserv_planeu dl_fserv_planeu dl_fop_need dl_fop_need dl_fop_qual dl_fop_dem dl_fop_dem dl_fop_tind dl_fop_stand dl_fop_cultb dl_fop_tind dl_fop_stand dl_fop_tind dl_fop_stand dl_fop_tind dl_fop_stand dl_fop_tind dl_fop_stand dl_fop_cultb dl_fop_tind dl_fop_stand dl_fop_cultb dl_fop_tind dl_fop_stand dl_fop_cultb dl_fop_tind dl_forsales dl_invit_oj dl_sec_management dl_sec_controlling	negative interest actions: redeployment of assets within company negative interest actions: investing or preponing (additional) investments negative interest actions: other burden of negative interest rates on profit situation number of relationship banks tax reform: percentage sales in US tax reform: percentage sales in US tax reform: competition with US-companies tax reform: tax burden short term tax reform: tax burden long term tax reform: reaction import tax reform: reaction investment in US tax reform: reaction investment in US tax reform: reaction investment in Germany tax reform: reaction investment in Germany tax reform: reaction investment in Germany tax reform: relaction investment in US tax reform: relaction investment in Germany tax reform: relaction of intellectual property foreign operations challenge: in another European country planned foreign operations challenge: no need foreign operations challenge: no need foreign operations challenge: no demand foreign operations challenge: no demand foreign operations challenge: of the found in tax	Andere Belastung durch Negativzinsproblematik Wie viele Banken? US Steuerreform: prozentualer Umsatz in USA US Steuerreform: Wettbewerb mit US-Firmen US Steuerreform: Steuerbelastung kurzfristig US Steuerreform: Steuerbelastung langfristig US Steuerreform: Reaktion Importe US Steuerreform: Reaktion Importe US Steuerreform: Reaktion Investitionen in USA US Steuerreform: Reaktion Investitionen in Deutschland US Steuerreform: Reaktion Investitionen in USA US Steuerreform: Reaktion In

3.106)	dl_pos_director	position - questionnaire completed by: director	Position - Fragebogen ausgefüllt von Geschäftsleitung
3.107)	dl_pos_manager	position - questionnaire completed by: manager	Position - Fragebogen ausgefüllt von Abteilungsleitung
3.108)	dl_pos_teamleader	position - questionnaire completed by: team leader	Position - Fragebogen ausgefüllt von Teamleiter
3.109)	dl_pos_clerk	position - questionnaire completed by: clerk	Position - Fragebogen ausgefüllt von Sachbearbeiter
3.110)	dl nos other	position - questionnaire completed by: other	Position - Fragebogen ausgefüllt von Sonstiges





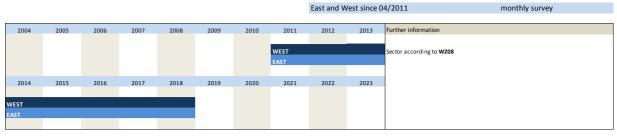


No.	Name			Label				Survey per	iod	Survey freque	ency
1.7)	sector_id			sector id				East and W	est since 1	10/2004 monthly surv	ey
2004	2005 2006		2007 2008		2009 2010 2011		2012 2013 Fu		Further information		
WEST											
EAST		_		_			_	_	_		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
EAST											

No.	Name			Label				Survey per	iod		Survey frequency	
1.8)	fedstaifo	federal state (ifo-code)			East and V	Vest since	10/2004	monthly survey			
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information		
WEST								federal state according to ifo code				
EAST									1 "[01] Berlin West"	9 "[09] Baden-Wuerttemberg"		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2 "[02] Schleswig-Holstein" 3 "[03] Hamburg"	10 "[10] Bavaria" 11 "[11] Saarland"	
WEST										4 "[04] Bremen" 5 "[05] Lower Saxony"	12 "[12] Mecklenburg-Western-Pomera 13 "[13] Brandenburg (incl. Berlin East)	
LAST										6 "[06] Nordrhine-Westphalia"	14 "[14] Saxony-Anhalt"	
										7 "[07] Rhineland-Palatinate" 8 "[08] Hesse"	15 "[15] Saxony" 16 "[16] Thuringia"	

No.	Name			Label			Survey per	iod		Survey frequency				
1.9)	sector_wz0	03		wz03 sector c	lassification			East and W	est 10/20/	04 to 03/2011	monthly survey			
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information				
WEST										Sector according to WZ03				
EAST														
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023					
										1				

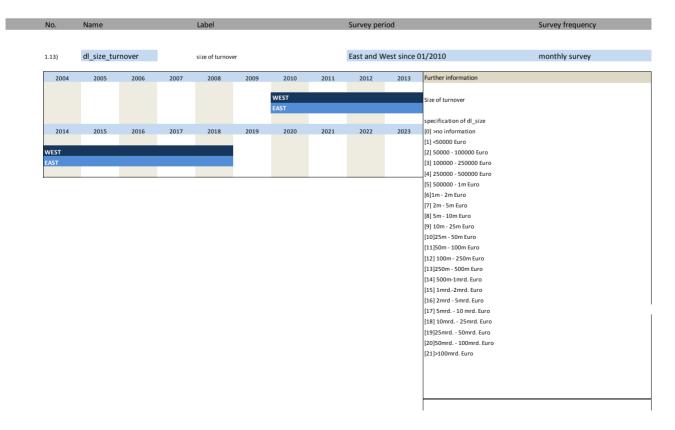
No.	Name	Label	Survey period	Survey frequency
1.10)	sector_wz08	wz08 sector classification	East and West 01/2005	once



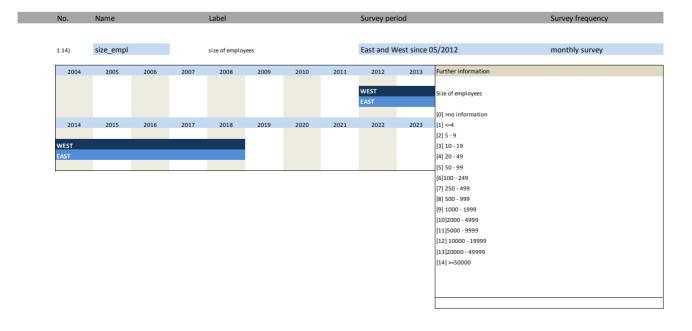
	Name			Label				Survey per	iod	Survey frequency
11)	sector_tota	İ		ebdc sector cla	classification East and West since 10/2004		10/2004 monthly			
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
EST										Sector according to the EBDC
AST	_									
										[1] agriculture, hunting and related activities
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	[5] mining
										[10] publishing industry, printing industry, reproduction of recorded
EST										sound, image and data storage media
ST	_									[25] repair and instalation of machines and equipment
										[26] recycling
										[27] energy and water supply
										[28] effluent, waste and other disposal
										[29] construction industry
										[30] vehicle trade, maintenance and repair of vehicles, gas stations
										[31] wholesale and trade mediation
										[32] retail (without vehicle trade and gas stations), repair of goods
										[33] transport, auxiliary and secondary activities for transport
										[34] postal, courier and express services
										[35] hospitality, lodging, gastronomy
										[36] publishing; movie and tv show production and distribution; cinemas;
										recording studios and music publishing
										[37] broadcasting; telecommunications; information and information
										technology services; news communications
										[38] financial and insurance services
										[39] real estate and housing business
										[40] data processing and databases
										[41] law, tax and business consultancy, auditing, administration and
										governance of businesses
										[42] architecture and engineering offices; technical, physical and
										chemical analysis; other freelance, scientific and technical activities
										[43] research and development
										[44] advertisement and market research
										[45] other economic services [46] renting of movable objects
										[47] mediation and assignment of manpower
										[47] mediation and assignment of manpower [48] travel agencies, travel business and other booking services
										[47] mediation and assignment of manpower [48] travel agencies, travel business and other booking services [49] sentry and security services, investigative agencies
										[47] mediation and assignment of manpower [48] travel agencies, travel business and other booking services [49] sentry and security services, investigative agencies [50] facility maintenance, horticulture, landscaping
										[47] mediation and assignment of manpower [48] travel agencies, travel business and other booking services [49] sentry and security services, investigative agencies [50] facility maintenance, horticulture, landscaping [51] public administration, defense, social insurance
										[47] mediation and assignment of manpower [48] travel agencies, travel business and other booking services [49] sentry and security services, investigative agencies [50] facility maintenance, horticulture, landscaping [51] public administration, defense, social insurance [52] education
										[47] mediation and assignment of manpower [48] travel agencies, travel business and other booking services [49] sentry and security services, investigative agencies [50] facility maintenance, horticulture, landscaping [51] public administration, defense, social insurance [52] education [53] health, veterinary and social sector; asylums
										[47] mediation and assignment of manpower [48] travel agencies, travel business and other booking services [49] sentry and security services, investigative agencies [50] facility maintenance, horticulture, landscaping [51] public administration, defense, social insurance [52] education [53] health, veterinary and social sector; asylums [54] predominantly personal services (e.g.: entertaining activities,
										[47] mediation and assignment of manpower [48] travel agencies, travel business and other booking services [49] sentry and security services, investigative agencies [50] facility maintenance, horticulture, landscaping [51] public administration, defense, social insurance [52] education [53] health, veterinary and social sector; asylums [54] predominantly personal services (e.g.: entertaining activities, libraries, museums, botanical gardens, sports, recreation services)
										[47] mediation and assignment of manpower [48] travel agencies, travel business and other booking services [49] sentry and security services, investigative agencies [50] facility maintenance, horticulture, landscaping [51] public administration, defense, social insurance [52] education [53] health, veterinary and social sector; asylums [54] predominantly personal services (e.g.: entertaining activities, libraries, museums, botanical gardens, sports, recreation services) [55] advocacy, church and other associations (without social services,
										[47] mediation and assignment of manpower [48] travel agencies, travel business and other booking services [49] sentry and security services, investigative agencies [50] facility maintenance, horticulture, landscaping [51] public administration, defense, social insurance [52] education [53] health, veterinary and social sector; asylums [54] predominantly personal services (e.g.: entertaining activities, libraries, museums, botanical gardens, sports, recreation services) [55] advocacy, church and other associations (without social services, culture and sports)
										[47] mediation and assignment of manpower [48] travel agencies, travel business and other booking services [49] sentry and security services, investigative agencies [50] facility maintenance, horticulture, landscaping [51] public administration, defense, social insurance [52] education [53] health, veterinary and social sector; asylums [54] predominantly personal services (e.g.: entertaining activities, libraries, museums, botanical gardens, sports, recreation services) [55] advocacy, church and other associations (without social services,

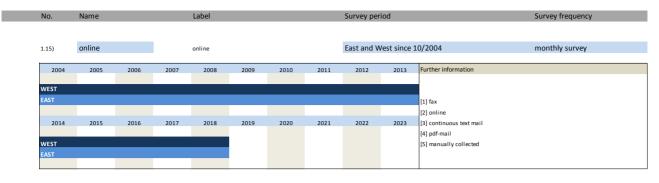
No.	Name			Label	oel Survey perio						Survey free	Survey frequency		
1.12)	dl_size			size range				East and West since 04/2011				monthly survey		
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further infor	mation			
2004	2003	2000	2007	2000	2003	2010	2011	2012	2013					
	WEST						Size range							
							EAST							
										[1] <250000	Euro			
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	[2] 250000 -	1m Euro			
										[3] 1m - 5m E	[3] 1m - 5m Euro			
WEST										[4] 5m - 10m				
EAST										[5] 10m - 25n				
										[6] >25m Euro		ı	1	
										turnover	dl_size_ turnover	dl_size	weight*	
										<50000 Euro	1		1	

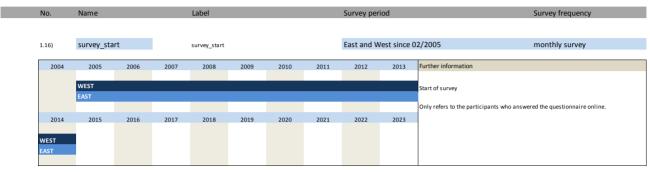
50000 -	2		2
100000 Euro	2	1	2
100000 - 250000 Euro	3		3
250000 - 500000 Euro	4	2	4
500000 - 1mill. Euro	5		5
1mill 2mill. Euro	6	3	6
2mill 5mill. Euro	7	3	7
5mill 10mill. Euro	8	4	8
10mill 25mill. Euro	9	5	9
25mill 50mill. Euro	10		
50mill 100mill. Euro	11		
100mill 250mill. Euro	12		
250mill 500mill. Euro	13		
500mill 1mrd. Euro	14		
1mrd2mrd. Euro	15	6	10
2mrd - 5mrd. Euro	16		
5mrd 10 mrd. Euro	17		
10mrd 25mrd. Euro	18		
25mrd 50mrd. Euro	19		
50mrd 100mrd. Euro	20		
>100mrd.	21		



turnover	dl_size_ turnover (Umsatz- größen- klasse)	dl_size (Umsatzgrößenklasse in Größenklasse)	weight* (Umsatzgrößenklasse Gewicht)
<50000 Euro	1		1
50000 - 100000 Euro	2	1	2
100000 - 250000 Euro	3		3
250000 - 500000 Euro	4	2	4
500000 - 1mill. Euro	5		5
1mill 2mill. Euro	6	3	6
2mill 5mill. Euro	7	3	7
5mill 10mill. Euro	8	4	8
10mill 25mill. Euro	9	5	9
25mill 50mill. Euro	10		
50mill 100mill. Euro	11		
100mill 250mill. Euro	12		
250mill 500mill. Euro	13		
500mill 1mrd. Euro	14		
1mrd2mrd. Euro	15	6	10
2mrd - 5mrd. Euro	16		
5mrd 10 mrd. Euro	17		
10mrd 25mrd. Euro	18		
25mrd 50mrd. Euro	19		
50mrd 100mrd. Euro	20		
	1	i .	1





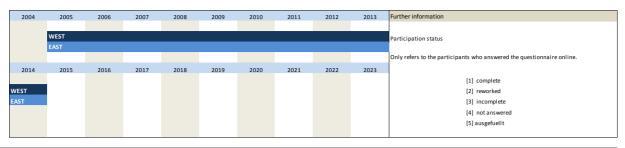


No.	Name			Label				Survey per	iod	Survey frequency
1.17)	survey_end	l		survey_end				East and W	est since 0	2/2005 monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
	WEST									End of survey
	EAST									
										Only refers to the participants who answered the questionnaire online.
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										

No	0.	Name			Label				Survey per	iod	Survey frequency
1.1	18)	participation	on_date		participation	date			East and W		05-05/2014 monthly survey 04/2018 monthly survey
_											
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
		WEST									
											Date of survey
		EAST									
											Only refers to the participants who answered the questionnaire online.
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
W	EST				WEST						
EA	AST				EAST						

No.	Name			Label				Survey per	iod	Survey frequency	
1.19)	participati	on_hour		participation	hour			East and W East and W			
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
	WEST							Hour of survey			
										Only refers to the participants who answered the questionnaire online.	
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST				WEST							
EAST				EAST							

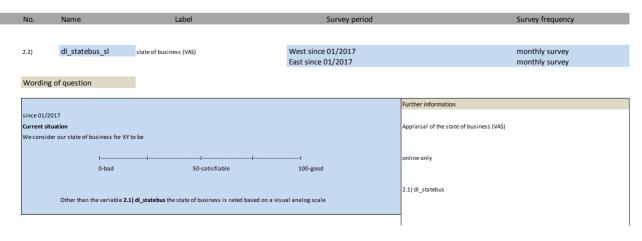
No.	Name	Label	Survey period	Survey frequency		
1.20)	participation_status	participation status	East and West since 02/2005	monthly survey		



No.	Name		Label					Survey per	iod	Survey frequency
1.21)	dl_particip	ant	participation in this survey				West since East since			monthly survey monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
MECT										introduced in 04/2018
OST	_				_		_		_	Participation in this survey:
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	[0] No
WEST										[1] Yes
OST										Calculation of varaible:
										1, if data of online and statebus or comexp exists, 0
										otherwise
										1991-03/2018 variable=1, since 04/2018 variable can
										be 0 or 1 (due to a change in delievered data)
										07 & 08/2018 only data of participants was delievered

2. Standard questions

No.	Name			Label			Survey period				Survey frequency
2.1)	dl_statebus		state of busin	ess (appraisal)			East and V	East and West since 10/2004			monthly survey
Wording	of question										
	4										
since 10/20	04					Further information					
	Information abo	out your ow	n company (dor	nestic)						Appraisal of the state of business	
	Current situation	on (annraica	l and developm	nent)							
	current situatio	лі (арріаіза	i and developii	ierry				7			
					goo	i [1]					
	1. We evalua	We evaluate our state of business currently to be satisfiable [2]									
				-	bac	I [3]		-			
								1			
Time spai	n of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
WEST											
EAST											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
2014	2013	2010	2017	2010	2019	2020	2021	2022	2023		
WEST											
EAST											



Time span	of variable									The presentation of the online-Slider changed over the last years (e.g. sometimes a
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	dash was displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observeable. Without
										these features displayed the distribution is smoother. 01/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
							WEST EAST			

No.	Name			Label				Survey per	iod	Survey frequency
	dl_statebus	s_clicks	state of busine	ess (clicks)			West since			monthly survey monthly survey
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										Appraisal of the state of business (Clicks)
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Number of clicks for question
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2.2) di_statebus_si online only
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017 WEST EAST	2018	2019	

No.	Name			Label				Survey per	riod	Survey frequency
2.4) Wording o	dl_busvolq	u	business volu	ime last 3 mont	hs		East and V	est since 1	0/2004	monthly survey
since 10/200)4									Further information
	Information al	bout your owr	company (dor	mestic)						Development of the business volume during the last 3 months
	Current situat	ion (appraisa	and developm	nent)						
					increa	sed [1]		Ī		
	2. During the	e last 3 month	s our business	volume has	not cha	nged [2]				
					decrea	sed [3]				
								I.		
Time span	of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
WEST										
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST EAST										
EASI										

No. Name Label Survey period Survey frequency

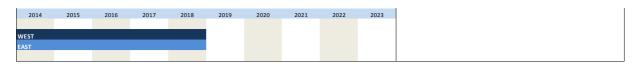
East and West since 10/2004

monthly survey

dl_demandsales demand / sales volume last 2-3 months

2.5)

140.	Nume				Survey periou	Survey requeries
2.6)	dl_demandlast	demand / sales last month v	ersus same month of	East and W	/est since 10/2004	monthly survey
Wording	of question	previous year				
						Further information
10/2004 - 0	4/2009		rurtner information			
	Information about your o	wn company (domestic)	demand/ sales volume last month versus same month of previous year			
	Current situation (apprais	al and development)				
			increased [1]			*Incl. Foreign demand/ sales volume
	3h Compared to the s	ame month of last year our				
		olume [] last month has	not changed [2]			
			decreased [3]			
05/2000 0	5/2040				•	
05/2009 - 0	6/2018					
	Information about your o	wn company (domestic)				
	Current situation (apprais	al and development)				
			increased [1]			
	3b. Compared to the s	ame month of last year our				
	demand* or sales volume	[] in the previous month has	not changed [2]			
			decreased [3]			
since 07/20	18					
311100 07/20	10				Ī	*Incl. Foreign sales volume
			increased [1]			XX 20XX = previous month and actual year
	Our sales volume has i	1 XX 20XX compared to YY 20YY	not changed [2]			YY 20YY = previous month and previous year
			decreased [3]			(e.g. if question is posed in 07/2018 => XX 20XX=June 2018 & YY 20YY = June 2017)
						Compares to the same month of last year
Time sna	n of variable					
2004	2005 2006	2007 2008	2009 2010	2011	2012 2013	
WEST EAST						
EAST						



No.	Name			Label				Survey per	iod		Survey frequency
							5 · 10		0/2004		
2.7)	dl_orders		orders (appra	isal)			East and V	lest since 1	0/2004		monthly survey
Wording	g of question										
since 10/2	004									Further information	
	Information	about your ow	n company (dor	nestic)						Appraisal of orders	
	Current situa	tion (appraisa	al and developm	ent)							
								ī			
					relativel	y high [1]					
	4. W (given th	/e evaluate ou at an order back	r order backlog log is typical for th	to be e branch)	suffic	ient [2]					
					too sr	nall [3]					
Time spa	an of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
WEST											
EAST											
		2016	2017	2018	2019	2020	2021	2022	2023		
2014	2015	2016									
2014 WEST	2015	2016									

No.	Name			Label				Survey per	iod	Survey frequency
2.8)	dl_employ	last	employees la	st 2-3 months			Fast and W	est since 1	0/2004 to (06/2018 monthly survey
2.0)	ui_ciiipioy	iust	cinproyees id	3 C 2 3 MONUIS			Last and T	est since 1	0,2001101	montally survey
Wording	of question									
10/2004 - 0	06/2018									Further information
	Information a	bout your ow	n company (doi	nestic)						Development of the number of employees during the last 2-3 months
	Current situa	tion (appraisa	I and developn	nent)						This question was posed till 06/2018, since 07/2018 the same question is regarding the previous month (see dl_emplpast)
					increa	sed [1]				
	5. During		nonths the num yees has	ber of our	not cha	nged [2]				
					decrea	sed [3]				
Time spa	n of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
WEST EAST										
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										

No.	Name	Label	Survey period	Survey frequency
2.9)	dl_demandexp	expected demand / sales volume for the next	2-3 East and West since 10/2004	monthly survey
Wor	rding of question	months		
10/20	004 - 06/2018			Further information
	Information about your o	wn company (domestic)		Expected demand/ sales volume for the next 2-3 months
	Current situation (apprais	sal and development)		*Incl. Foreign demand/ sales volume
		increasing [1	.]	

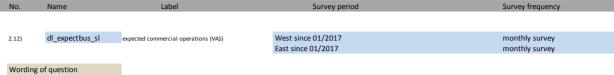
			nths the demar		not chai	nging [2]			
					decrea	sing [3]			
since 07/202	18								
		ectations regar	rding the next 3	3 month					
								ı	
					increa	sing [1]			
		Our sales* v	olume will be		not chai	nging [2]			
					decrea	sing [3]			
Time spar	of variable								
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
WEST									
EAST									
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WEST									
EAST									

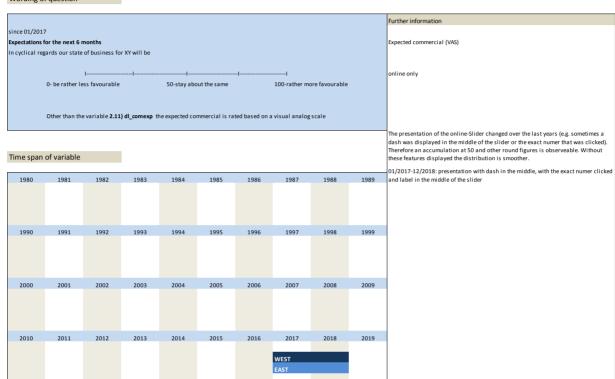
No.	Name			Label				Survey per	iod	Survey frequency
							5		0/2004	
2.10)	dl_employe	exp	expected emp	loyees for the r	ext 2-3 month	5	East and V	Vest since 1	0/2004	monthly survey
Wording o	of auestion									
wording	n question									
since 10/200	4									Further information
	Information al	out your own	n company (dor	nestic)						Expected development of number of employees durnig the next 2-3 months
	Current situati	ion (appraisa	l and developm	ent)						
								Ī		
					increa	sing [1]				
	7. During the		hs the number	of employees	not chai	nging [2]				
		wil	II be		not end	.pp (=)				
					decrea	sing [3]				
								1		
Time span	of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
WEST										
EAST										
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										



No. Name



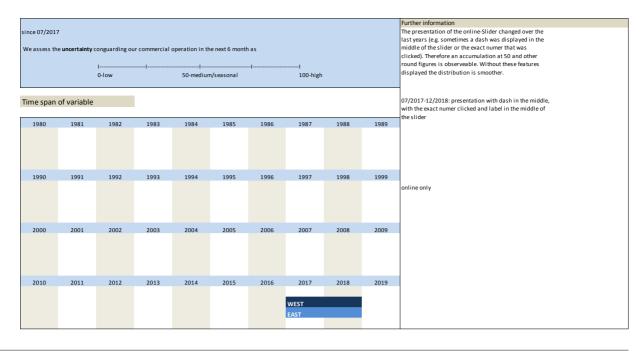




No.	Name			Label				Survey per	iod		Survey frequency
2.13)	dl_expectb	us_clicks	expected com	mercial operat	tions (clicks)		West since				monthly survey monthly survey
Time spar	of variable						East since	01/2017			montniy survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information	
										Number of clicks for question	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2.12) dl_expectbus_sl	
										online only	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
							WEST				
							EAST				

No.	Name	Label	Survey period	Survey frequency
2.14)	dl_expectbus_unc	uncertainty w.r.t. commercial operation	West since 07/2017 East since 07/2017	monthly survey monthly survey

Wording of question



No.		Name			Label				Survey per	riod	Survey frequency
2.15)		dl_pricenext		prices for the	next 3 months			East and V	est since 1	0/2004	monthly survey
Wor	ding of	question									
		4									
since	10/2004										Further information
	1	Information abou	ut your ow	n company (dor	nestic)						Expected development of prices for the next 3 months
		Current situation	. (:		4)						
	_	Lurrent Situation	і (арргаіза	i and developii	ientj				_		
						increa	sing [1]				
		9. During the ne			our services	not chai	nging [2]				
			WII	l be							
						decrea	sing [3]				
Time	e span c	of variable									
20	004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
		2003	2000	2007	2008	2009	2010	2011	2012	2013	
WEST EAST											
20	014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST											
EAST											

2.16)	dl_emplpast development employee last n	nonth	East and West since 07/2018	monthly survey
Vording	of question			
ince 07/20	018 - 10/2018			Further information
		increased [1]		XX= previous month (July 2018: XX= June 2018)
	In XX the number of our employees	not changed [2]		This question is posed since 07/2018. The same question was posed regarding the
		decreased [3]		previous 2-3 month (see dl_employlast) from 10/2004 till 06/2018)
ince 11/20	018			
		increased [1]		
	In XX (=previous month) compared to XX-1 (preprevious month) the number of our employees	not changed [2]		
		decreased [3]		

Survey period

Survey frequency

No. Name Label

Time span	of variable								
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
				WEST EAST					

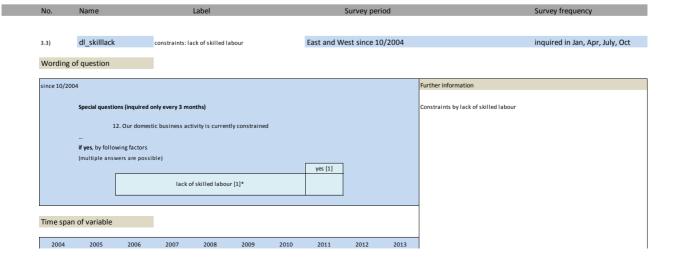
No.	Name			Label				Survey peri	iod	Survey frequency	
2.17)	dl_prvpm		prices versus	past			East and W	est since 07	7/2018	monthly survey	
Wording	of question										
from 07/20	18 to 10/2018									Further information XX= previous month (July 2018: XX= June 2018)	
					increa	sed [1]					
	Our	prices in t	he previous m	onth	stayed th	e same [2]					
					decrea	ised [3]					
since 11/2	018										
					increa	sed [1]					
	Our prices		us month) cor ous month)	npared to XX-1	stayed th	e same [2]					
					decrea	ised [3]					
Time spa	in of variable									_	
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
				WEST							
				EAST							

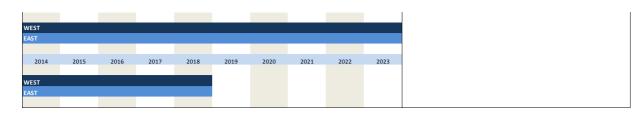
East and West since 07/2018 monthly survey	No.	Name			Label				Survey per	iod		Survey frequency
In XX of our order backlog has increased [1]					orders versus	past			East and W	est since 0	7/2018	monthly survey
In XX of our order backlog has	Wording of	f question										
In XX of our order backlog has	from 07/2018	to 10/2018										June 2018)
decreased [3]						increas	sed [1]					
Since 11/2018		II	n XX of our or	der backlog ha	s	not char	nged [2]					
increased [1] not changed [2] decreased [3] Time span of variable 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013						decrea	sed [3]					
increased [1]	since 11/2018	3							<u>.</u>		_	
In XX (=previous month) compared to XX-1 (=preprevious month) our order baddog has	,							<u> </u>	ī			
month) our order backlog has		In VV (=proviou	us month) som	anarod to VV 1	/-proprovious				-			
Time span of variable 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013									+			
2004 2005 2006 2007 2008 2009 2010 2011 2012 2013						decrea	sed [3]					
2004 2005 2006 2007 2008 2009 2010 2011 2012 2013												
	Time span	of variable										
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
2014 2015 2016 2017 2018 2019 2020 2021 2022 2023	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST												
EAST												

3. Special questions



No.	Name		Label			Survey per	iod	Survey frequency
3.2)	dl_lackdem	constaints by	lack of demand		East and V	Vest since 1	0/2004	inquired in Jan, Apr, July, Oct
Wording	of question							
since 10/20	004							Further information
	Special questions (inc	quired only every 3 ma	onths)					Constraints by lack of demand
	12. Our	domestic business ac	tivity is currently	constrained				
	if yes, by following fa							
	(multiple answers an							
					yes [1]]		
		lack of ore	ders, lack of dema	nd [1]*				
					<u> </u>			
Time spa	n of variable							
2004	2005 20	2007	2008	2009 2010	2011	2012	2013	
WEST								
EAST								
2014	2015 20	016 2017	2018	2019 2020	2021	2022	2023	
2014	2015 20	2017	2018	2019 2020	2021	2022	2023	
WEST								
EAST								

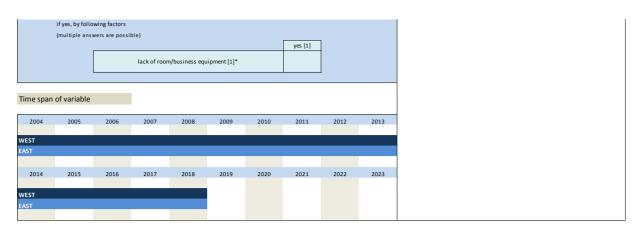




No.	Name			Label				Survey per	iod		Survey frequency
3.4)	dl_lacktec		constaints by	lack of technic	al capacities		East and V	est since 10	0/2004		inquired in Jan, Apr, July, Oct
Mording	of augstion										
wording d	of question										
since 10/200)4									Further information	
	Special question	ons (inquired o	only every 3 mo	onths)						Constraints by lack of technical capaciti	95
										constraints by rack of technical capacita	
		.2. Our domes	tic business ac	tivity is curren	tly constrained	1					
	 if yes, by follo	wing factors									
	(multiple ans)	wers are possi	ible)					1			
							yes [1]				
			lack of te	echnical capac	ities [1]*						
Time span	of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
WEST											
EAST											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST EAST											
EAST											

No.	Name			Label				Survey per	iod	Survey frequency
3.5)	dl_finan		constaints by	problems of fi	nancing		East and W	est since 10	0/2004	inquired in Jan, Apr, July, Oct
Wordin	g of question									
since 10/2	004									Further information
	Special questi	ons (inquired o	only every 3 me	onths)						Constraints to business activity by problems of financing
	1	12. Our domes	tic business ac	tivity is curren	tly constraine	d				
	 if yes, by follo	wing factors								
	(multiple ans	wers are possi	ble)				yes [1]			
			probl	ems of financir	ng [1]*					
Time sp	an of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
WEST										
EAST										
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										

No.	Name	Label	Survey period	Survey frequency
3.6)	dl_lackroom	constaints by lack of room/ business equipment	East and West since 10/2004	inquired in Jan, Apr, July, Oc
M/				
wordin	g of question	_		
since 10/2	2004			Further information
	Special questions (inquir			Constraints by lack of room/ business equipment
	12. Our dor	nestic business activity is currently constrained		



No.	Name			Label				Survey per	riod		Survey frequency
3.7)	dl_weathe	r	constaints by	weather condi	tions		East and W	est since 1	0/2004		inquired in Jan, Apr, July
Wording	of question										
since 10/2	004									Further information	
	Special questi	ons (inquired	only every 3 mo	onths)						Constraints by weather conditions	
	1	12. Our dome	tic business ac	tivity is curren	tly constraine	i					
	 if yes, by follo (multiple ans		ible)								
							yes [1]				
			weat	ther conditions	[1]*						
	n of variable		2007	2000	2000	2040	2044	2012	2042		
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
WEST EAST											
EA31											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST EAST											

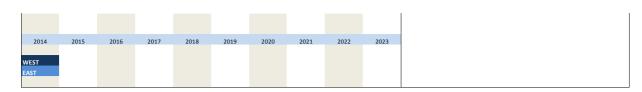


No.	Name	Label	Survey period	Survey frequency
3.9)	dl_othrea	constaints by other reasons	East and West since 10/2004	inquired in Jan, Apr, July, Oct

Wording of question since 10/2004 Further information Special questions (inquired only every 3 months) Constraints by other reasons 12. Our domestic business activity is currently constrained if yes, by following factors (multiple answers are possible) yes [1] other reasons [1]* Time span of variable 2004 2005 2006 2007 2008 2011 2012 2013 2009 2010 WEST 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 WEST

No.	Name			Label				Survey per	iod		Survey frequency
3.10)	dl_kap1		potential of e	visting canacit	v		Fast and W	est since 0	1/2011		inquired in Jan, Apr, July
			potential of c	and capacit	,		Lust and T	rest since o	,,2011		inquired in sail, ripr, sail,
Wording	of question										
since 04/20	11									Further information	
	Special questic	ons (inquired o	only every 3 m	onths)			yes [1]	no [2]		Potential of existing capacity	
	13. Would yo		able to handle rently existing		demand with th	ne capacities					
_											
Time spar	n of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
2004	2005	2006	2007	2008	2009	2010	2011 WEST	2012	2013		
2004	2005	2006	2007	2008	2009	2010		2012	2013		
2004	2005	2006	2007	2008	2009	2010	WEST	2012	2013		
							WEST EAST				

No.	Name			Label				Survey per	iod		Survey frequency
3.11)	dl_kap2		potential capa	city expansio	n in %		East and W	est since 0	4/2011		inquired in Jan, Apr, July, Oct
Wording o	of question										
since 04/201	11									Further information	
	Special question	ns (inquired o	only every 3 mo	nths)						Potential capacity expansion in percentag	ge
	13. Would you company?	currently be	able to handle a	n increased o	demand with t	he capacities o	urrently existin	ng in your			
	if yes:										
	We coul	ld expand ou	r business activ	rity by		%					
Time span	of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
							WEST				
							EAST				
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
EAST											
No.	Name		Label				Survey per	iod			Survey frequency
3.12)	dl_fambus		family busines	is			East and W	/est 02/20:	14		once
	of question										
wording c	or question									Further Information	
02/2014										ruttler mormation	
D) For resear	ch purposes?										
Do you envis	ion yourself as a	family busin	ness?								
(This means a	a company whose	e voting capit	tal is held prede	ominately by o	one or more fa	milies that are	connected)				
	У	/es[1]		no[2]							
Time span	of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST EAST											
LAS !											
No	Nama		Label				Cumiou non	ind			Summer fraguency
No.	Name		Label				Survey per	100			Survey frequency
3.13)	dl_minim1		minimum wag	e q1			East and W	/est 11/20:	14		once
Wording o	of question										
										Further information	
11/2014											
	15 the general min		policy will be in	mplemented.							
Is your com	npany affected by	this?									
	y	/es[1]		no[2]							
										-	
Time span	of variable										
		2005	2007	2000	2000	2010	2011	2012	2012		
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		



No.	Name		Label				Survey per	iod			Survey frequency	
3.14)	dl_minim2		minimum wag	ge q2			East and W	est 11/20	14		once	
Wording	of question											
										Further information		Ì
11/2014												
01/01/201	5 the general min	imum wage po	olicy will be imp	plemented.								
Is your com	npany affected by	this?										
	<i>777777777</i>	a	<i>777777777</i>	4								
		yes		no								
2. If yes: Wi	ith which measur	es will you lik	cely react to the	minimum wag	e?							
		_										
		[1] No measu	ires neccessary	or scheduled								
Time spa	n of variable											
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
WEST												
EAST												
												•
No.	Name		Label				Survey per	iod			Survey frequency	į

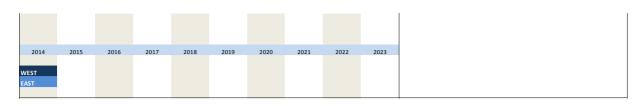
No.	Name		Label				Survey per	iod			Survey frequency
3.15)	dl_minim3	3	minimum wag	ge q3			East and W	/est 11/201	14		once
Wording	of question										
										Further information	
11/2014										Tarther Illiothiation	
04 /04 /004											
	5 the general mir		oricy will be imp	oremented.							
		yes	<i>V///////</i>	no							
2. If yes: W	ith which measu	res will you lik	ely react to the	minimum wag	e?						
		7									
		[1] personnel	cuts								
Time spa	n of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST EAST											

No.	Name	Label	Survey period		Survey frequency
3.16)	dl_minim4	minimum wage q4	East and West 11/2014		once
Wording	of question				
			F	Further information	
11/2014			·		

	he general mini any affected by		licy will be imp	plemented.					
	which measure		<i>(//////////</i>	no minimum wag	e?				
		[1] reduction (of working hou	rs					
Time span	of variable								
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
2014 WEST EAST	2015	2016	2017	2018	2019	2020	2021	2022	2023

	Name		Label				Survey period				Survey frequency
3.17)	dl_minim5		minimum wag	e q5			East and West 11/2014				once
Wording	of question										
Wording of question											
									Further information		
11/2014											
01/01/2015	the general mini	mum wage po	licy will be imp	olemented.							
Is your com	pany affected by	this?									
		ves	V///////	no							
				<u>.</u>							
2. If yes: Wi	th which measure	es will you like	ely react to the	minimum wag	e?						
[1] increase in prices											
		[1] increase ii	n prices								
		[1] increase ii	n prices								
Time spa		[1] increase ii	n prices								
Time spa	n of variable		n prices								
Time spa		[1] increase in	n prices	2008	2009	2010	2011	2012	2013		
	n of variable			2008	2009	2010	2011	2012	2013		
	n of variable			2008	2009	2010	2011	2012	2013		
2004	n of variable	2006	2007								
	n of variable			2008	2009	2010	2011	2012	2013		
2004	n of variable	2006	2007								
2004	n of variable	2006	2007								

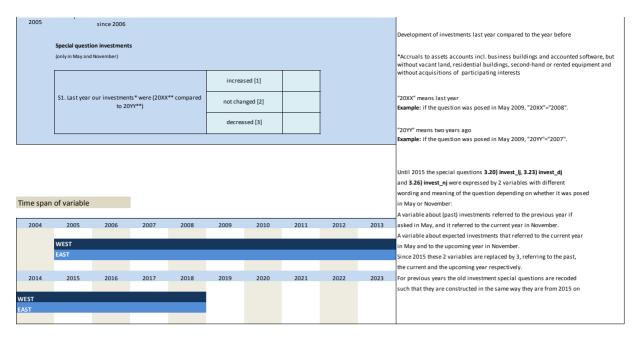
INO.	INATTIE	Labei				Survey per	100			Survey frequency	
3.18)	dl_minim6	minimum wag	ge q6			East and V	Vest 11/20	14		once	
Wording of	question										
									Further information		
11/2014											
01 /01 /2015 +-			-1								
	e general minimum v ny affected by this?	vage policy will be imp	premented.								
is your compar	iy affected by tills:										
			_								
[//////////////////////////////////////	<i>\(\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	no								
2 If	.6:-6	you likely react to the		-2							
z. II yes: with v	wnich measures will	you likely react to the	minimum wag	er							
_											
	[1] rec	luction of investment									
Time span o	of variable										
2004	2005 20	006 2007	2008	2009	2010	2011	2012	2013			
									1		



No. Name Label							Survey per	iod			Survey frequence
3.19)	dl_minim7		minimum wag	ge q7			East and West 11/2014				once
Wording	of question										
11/2014										Further information	
	the general minis pany affected by t		licy will be imp	plemented.							
,											
		yes	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	no							
2. If yes: Wi	tn wnich measure	es will you like	ely react to the	minimum wag	e?						
2. If yes: Wi					e?						
2. If yes: Wi			ely react to the		e?						
2. If yes: Wi					e?						
					e?						
Time spa	n of variable	[1] reduction	of special payr	ments							
					2009	2010	2011	2012	2013		
Time spa	n of variable	[1] reduction	of special payr	ments		2010	2011	2012	2013		
Time spa	n of variable	[1] reduction	of special payr	ments		2010	2011	2012	2013		
Time spa	n of variable	[1] reduction	of special payr	ments		2010	2011	2012	2013		
Time spai 2004	n of variable	[1] reduction	of special payr	2008	2009						
Time spal	n of variable	[1] reduction	of special payr	2008	2009						

No.	Name		Label				Survey period					Survey frequency
3.20)	dl_minim8		minimum wag	ge q8			East and W	/est 11/20	14			once
Wording	of question											
0	. 4											
										Further information		
11/2014												
	the general minin		licy will be imp	plemented.								
Is your com	oany affected by th	his?										
	V//////	ves	1////////	no								
	<i>Y////////////////////////////////////</i>	, 03										
2. If yes: Wit	th which measures				e?							
2. If yes: Wit					e?							
2. If yes: Wit	th which measures				e?							
2. If yes: Wit	th which measures	s will you like			e?							
2. If yes: Wif	th which measures	s will you like			e?							
	th which measures	s will you like			e?							
Time spar	h which measures	s will you like	ely react to the	minimum wag								
	th which measures	s will you like			e? 2009	2010	2011	2012	2013			
Time spar	h which measures	s will you like	ely react to the	minimum wag		2010	2011	2012	2013			
Time spar	h which measures	s will you like	ely react to the	minimum wag		2010	2011	2012	2013			
Time spai	th which measures	ss will you like	ely react to the	minimum wag	2009							
Time spar	h which measures	s will you like	ely react to the	minimum wag		2010	2011	2012	2013			
Time spai	th which measures	ss will you like	ely react to the	minimum wag	2009							

No.	Name	Label	Survey period	Survey frequency
3.21)	dl_invest_lj	total investment last year	East and West in 04/2005 East and West since 05/2006	inquired once inquired in May
Wording	g of question			inquired in may
April		May	Further information	



No.	Name		Label				Survey per	iod		Survey frequency
3.22)	dl_invcon_lj		investment in	construction I	ast year		East and V	Vest since 0	5/2015	inquired in May
Wording	rding of question									
	<u> </u>									Further information
5/2015	2015								Further Information	
	estments ast year (20YY** compared to 20WW**) our investments* were									
					Total investme	ants				*Accruals to assets accounts incl. business buildings and accounted software, bu without vacant land, residential buildings, second-hand or rented equipment and
					thereof in: co			7		without acquisitions of participating interests
					increa	sed [1]				*20YY means last year
	S1. Last year ou			** compared	not cha	nged [2]		-		e.g.: If the question was posed in 2015: 20YY=2014
		to 20	(YY**)					-		*20WW means two years ago
					decrea	sed [3]]		e.g.: If the question was posed in 2015: 20WW=2013
_			ı							
Time spa	n of variable									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2010 2011 2012 2013 2014 2015 2016					2016	2017	2018	2019	
					MECT					
	WEST EAST									

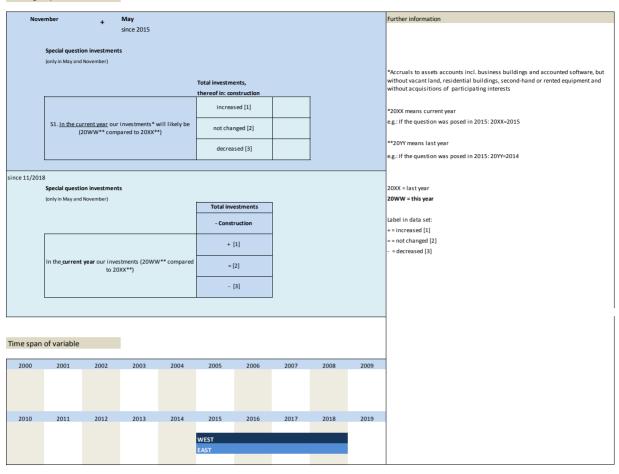
Total investments, thereof in: equipment increased [1] S1. Last year our investments* were (20XX** compared to 20YY**) without vacant land, residential buildings, second-hand or rented equipment: without acquisitions of participating interests *20YY means last year e.g.: If the question was posed in 2015: 20YY=2014 *20WW means two years ago	No.	Name	Label		Survey peri	od	Survey frequency
Further information	3.23)	dl_inveq_lj	investment in equipment las	t year	East and W	est_since 05/2015	inquired in May
Investments 1) Last year (20YY** compared to 20WW**) our investments* were Total investments, without vacant land, residential buildings, second-hand or rented equipment without acquisitions of participating interests S1. Last year our investments* were (20XX** compared to 20YY**) Increased [1] Increased [2] Increased [3] Incre	Wording	of question	l				
s1. Last year our investments* were (20XX** compared to 20YY**) S1. Last year our investments * were (20XX** compared to 20YY**) Increased [1]	Investments						*Accruals to assets accounts incl. business buildings and accounted software, bu without vacant land, residential buildings, second-hand or rented equipment and
Cig. 11 tile question 103 posed 11 2013. 2011 11 2013			nts* were (20XX** compared	increased [1]			*20YY means last year e.g.: If the question was posed in 2015: 20YY=2014

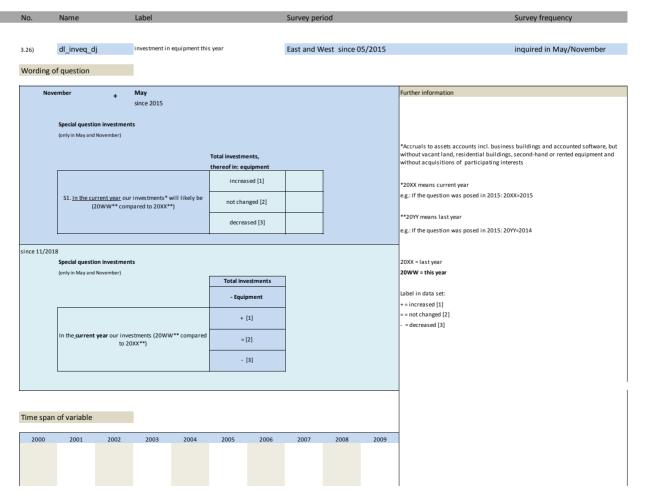
Ti	me span	of variable								
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
	2010	2011	2012	2013	2014	2013	2010	2017	2016	2019
						WEST				
						EAST				

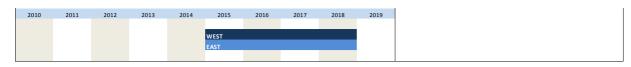
		Label			Survey period	Survey frequency
3.24)	dl_invest_dj	total investment this year		East and	West since 05/20	06 inquired in May, Nove
Wording o	of question					
April 2005	+ May	25				Further information
2003	since 200	J6				Development of Investments in the current year compared to the previou
	Special question investm (only in May and November)	ents				*Accruals to assets accounts incl. business buildings and accounted so
			increase	[1]		without vacant land, residential buildings, second-hand or rented equi without acquisitions of participating interests
	S2. In the current year	our investments* will likely	not change			
	(20WW** co	ompared to 20XX**)				"20WW" means current year
			decrease	:[3]		Example: If the question was posed in November 2009, "20WW"="2009
	ember 5 - 2008					"20XX" means last year
2000						Example: if the question was posed in May 2009, "20XX"="2008".
	Special question investm (only in May and November)	ents				
			increase	[1]		Until 2015 the special questions 3.20) invest_lj, 3.23) invest_dj and 3.26) invest_nj were expressed by 2 variables with different
		our investments* will likely	stay the sar			wording and meaning of the question depending on whether it was post in May or November:
	(20WW**co	ompared to 20XX**)	decrease			A variable about (past) investments referred to the previous year if asked in May, and it referred to the current year in November.
						A variable about expected investments that referred to the current year in May and to the upcoming year in November.
	rember +	May from 2015	to 5/2018			Since 2015 these 2 variables are replaced by 3, referring to the past, the current and the upcoming year respectively.
	Special question investm	ents				For previous years the old investment special questions are recoded
	Special question investm (only in May and November)	ents				
		ents	increased	1[1]		For previous years the old investment special questions are recoded
	(only in May and November) S1. In the current year of	our investments* will likely be				For previous years the old investment special questions are recoded
	(only in May and November) S1. In the current year of			ed [2]		For previous years the old investment special questions are recoded
	(only in May and November) S1. <u>In the current year</u> (20WW** cc	our investments* will likely be	not change	ed [2]		For previous years the old investment special questions are recoded
since 11/201	(only in May and November) S1. <u>In the current year</u> (20WW** cc	our investments* will likely be ompared to 20XX**)	not change	ed [2]		For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on
since 11/201	(only in May and November) S1. In the current year of (20WW** co	our investments* will likely be ompared to 20XX**)	not change	ed [2]		For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on
since 11/201	(only in May and November) S1. In the current year (20WW** cc	our investments* will likely be mpared to 20XX**) ents	not change decreased Total invest:	ed [2]		For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on 2015
since 11/201	(only in May and November) S1. In the current year (20WW**co	our investments* will likely be ompared to 20XX**)	not change decreased Total invest:	ed [2]		For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on 2015
since 11/201	(only in May and November) S1. In the current year (20WW**co	our investments* will likely be impared to 20XX**) ents	not change decreased Total invests	ed [2]		For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on 20XX = last year 20WW = this year Label in data set: +=increased [1]
since 11/201	(only in May and November) S1. In the current year (20WW**co	our investments* will likely be impared to 20XX**) ents	not change decreased Total invest: + [1]	ed [2]		For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on 20XX = last year 20WW = this year Label in data set: +=increased [1] == not changed [2]
	(only in May and November) S1. In the current year (20WW**co	our investments* will likely be impared to 20XX**) ents	not change decreased Total invest: + [1]	ed [2]		For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on 201X = last year 20WW = this year Label in data set: += increased [1] == not changed [2]
	S1. In the current year of (20WW** co	our investments* will likely be impared to 20XX**) ents	not change decreased Total invest: + [1]	ed [2]	2012	For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on 201X = last year 20WW = this year Label in data set: += increased [1] == not changed [2]
Time span	S1. In the current year (20WW** co	our investments* will likely be impared to 20XX**) ents ents evestments (20WW** compare) 20XX**)	not change decreased Total invest: + [1] ed = [2]	ed [2] d [3]	2012	For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on 2015
Time span	S1. In the current year of (20WW** co	our investments* will likely be impared to 20XX**) ents ents evestments (20WW** compare) 20XX**)	not change decreased Total invest: + [1] ed = [2]	ed [2] d [3]	2012	For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on 20XX = last year 20WW = this year Label in data set: + = increased [1] = = not changed [2] - = decreased [3]
Time span	(only in May and November) S1. In the current year of (20WW** collaboration (20WW** collaboration) Special question investm (only in May and November) In the current year our into the current year	our investments* will likely be impared to 20XX**) ents ents evestments (20WW** compare) 20XX**)	not change decreased Total invest: + [1] ed = [2]	ed [2] d [3]		For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on 20XX = last year 20WW = this year Label in data set: + = increased [1] = = not changed [2] - = decreased [3]
Time span	S1. In the current year (20WW** cc (20WW** c	ents 2007 2008	not change decreased Total invest: + [1] - [3]	ed [2] d [3] ments 2010 2011		For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on 20XX = last year 20WW = this year Label in data set: + = increased [1] = = not changed [2] - = decreased [3]

No.	Name	Label	Survey period	Survey frequency
3.25)	dl invcon dj	investment in construction this year	East and West since 05/2015	inquired in May/November

Wording of question







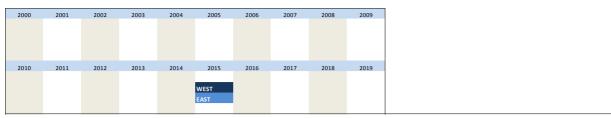
No.	Name Label							Survey per	riod	Survey frequency
			_							
3.27)	dl_invest_	nj	total investmen	nt next year			East and V	Vest since 1	1/2006	inquired in November
Wording	of question									
	vember									Further information
sir	ice 2006									Development of Investments in the current year compared to the previous
	Special questi		ts							
	(only in May and	l November)			Total investm	ents				*Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipment and
					incre	ase [1]				without acquisitions of participating interests
	S2. Next ye		ments* will likely to 20WW**)	(20NN**	not ch	ange [2]				** "20NN" means next year
					decre	ase [3]				Example: if the question was posed in November 2009, "20NN"="2010".
					l			1		
	vember 15 to 5/2018									"20WW" means current year
	,									Example: If the question was posed in November 2009, "20WW"="2009".
	Special questi (only in May and		ts		Total investm	ents				
								т		Until 2015 the special questions 3.20) invest_lj , 3.23) invest_dj
					increa	sed [1]				and 3.26) invest_nj were expressed by 2 variables with different wording and meaning of the question depending on whether it was posed
	S2. Next yea		ents* will likely l to 20WW**)	oe (20NN**	not cha	nged [2]				in May or November: A variable about (past) investments referred to the previous year if
					decre	ased [3]				asked in May, and it referred to the current year in November.
								1		A variable about expected investments that referred to the current year in May and to the upcoming year in November.
since 11/20)18 Special questi	on investmen	**							Since 2015 these 2 variables are replaced by 3, referring to the past, the current and the upcoming year respectively.
	(only in May and						_			For previous years the old investment special questions are recoded
						estments				such that they are constructed in the same way they are from 2015 on
					+	[1]				Label in data set:
	Next yea		ents will likely be to 20WW**)	(20NN**	=	[2]				+ = increased [1] = = not changed [2]
					-	[3]				- = decreased [3]
										J
Time spa	n of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
	WEST									
	EAST									
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										
No.	Name		Label				Survey per	iod		Survey frequency

3.28) Wording o	dl_invcon_nj investment in construction r	next year	East and West since 11/2015	inquired in November
	rember 15 to 5/2018			Further information
	(only in way and november)	Total investments, thereof in: construction increased [1] not changed [2] decreased [3]		*Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipment and without acquisitions of participating interests ** "20NN" means next year
since 11/201	18 Special question investments (only in May and November)	Total investments	-	Example: if the question was posed in November 2009, "20NN"="2010". Label in data set:

						uction				+=increased [1]
					+	[1]				= = not changed [2] - = decreased [3]
	Next year	our investmer compared to	nts will likely b o 20WW**)	e (20NN**	=	[2]				
					- 1	[3]				
Time span	of variable									"20WW" means current year
										Example: If the question was posed in November 2009, "20WW"="2009".
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012	2013	2014	2013	2010	2017	2016	2019	
					WEST					
					EAST					

No.	Name		Label				Survey per	riod		Survey frequency
3.29)	dl_inveq_r	ıj	investment in	equipment nex	xt year		East and V	Vest since 1	1/2015	inquired in November
Wording	g of question									·
	ovember									Further information
si	nce 2015									
	Special questi		its		Total investm	ents.				
	(only in iviay and	(November)			thereof in: eq					*Accruals to assets accounts incl. business buildings and accounted software, but
						sed [1]				without vacant land, residential buildings, second-hand or rented equipment and without vacantistions of participating interests
	S2. Next year		ents* will likely to 20WW**)	be (20NN**	not cha	nged [2]				••
					decrea	sed [3]				"20NN" means next year
					-			1		Example: if the question was posed in November 2009, "20NN"="2010".
since 11/2	018									
	Special questi	on investmen	its							Label in data set:
	(only in May and	November)					_			+=increased [1]
					Iotal inv	estments				= = not changed [2]
					- Equi	oment				- = decreased [3]
					+	[1]				
	Next yea		ents will likely b to 20WW**)	oe (20NN**	=	[2]				
					-	[3]				
					,		_			
Time sn:	an of variable									"20WW" means current year
·····c sp	an or variable									·
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Example: If the question was posed in November 2009, "20WW"="2009".
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
					WEST					
					EAST					

		· · · · · · · · · · · · · · · · · · ·	2000	Survey period		builtey inequency
3	3.30)	dl_ref1	refugees question 1	East and West 12/2015		once
,	Mording	f question				
	wording o	question				
					Further Information	
1	12/2015					
1	L. How large o	do you assess the potential o	f asylum seekers to be employed in the following positions	5?		
			[1] small [2] large			
		trainees				
	Time snan	of variable				
	inic span	or variable.				

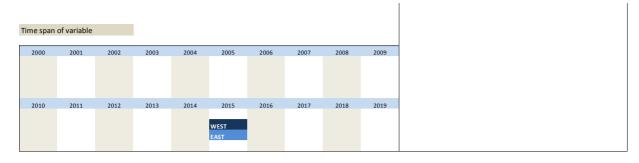


No.	Name	_	Label	_		_	Survey per	iod	_		Survey frequency
140.	Nume		Lubei				Survey per	100			Survey requestey
3.31)	dl_ref2		refugees ques	tion 2			East and W	/est 12/20:	15		once
Wording	of question										
										Further Information	
12/2015											
1. How large	e do you assess	the potential	of a sylum seeke	rs to be empl	oyed in the follo	wing position	ns?				
			[1] small		[2] large						
	unskilled aid	workers]							
										-	
Time spa	n of variable										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
2010	2011	2012	2013	2014		2010	2017	2010	2013		
					WEST EAST						
No.	Name	-	Label	-	-	-	Survey per	iod	-	_	Survey frequency
3.32)	dl_ref3		refugees ques	tion 3			East and W	/est 12/20:	15		once
Wording	of question										
										Further Information	
2/2015											
L. How large	e do you assess	the potential	of a sylum seeke	rs to be empl	oyed in the follo	wing position	ns?				
			[1] small		[2] large						
	skilled worke	rs]							
Time spa	n of variable										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
					WEST						
					EAST						
No.	Name		Label				Survey per	iod			Survey frequency
3.33)	dl_ref4		refugees ques	tion 4			East and W	/est 12/20	15		once
Wording	of question										
										Further Information	
12/2015											
	o do vou accors	the notential	of a cultum cooko	rs to be empl	oyed in the follo	wing positio	ns?				

[1] small

leading positions

[2] large



	Name		Label				Survey per	iod			Survey frequency
3.34)	dl_ref5		refugees ques	tion 5			East and W	/est 12/20	15		once
\4(= == :==	-fti										
wording	of question										
										Further Information	
12/2015											
1. How large	e do you assess t	he potential o	of asylum seeke	rs to be empl	oyed in the follo	wing position	s?				
					(-1)						
			[1] small		[2] large						
	other position	15]					
Time spa											
	n of variable										
2000	n of variable	2002	2003	2004	2005	2006	2007	2008	2009		
2000		2002	2003	2004	2005	2006	2007	2008	2009		
2000		2002	2003	2004	2005	2006	2007	2008	2009		
2000		2002	2003	2004	2005	2006	2007	2008	2009		
2000		2002	2003	2004	2005	2006	2007	2008	2009		
	2001				2015						
	2001										

Survey period

3.35)	dl_ref6		refugees ques	tion 6			East and W	/est 12/20:	15	once
Wording o	of question									
										Further Information
12/2015										
2. how much	of an obstacle t	o employing a	sylum seekers	do you consi	der the followin	g factors to be	in your brancl	n:		
			[1] little		[2] much					
				1		l				
	labor law-rela	itea provision:	s							
Time spar	of variable									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
									2020	
					WEST EAST					

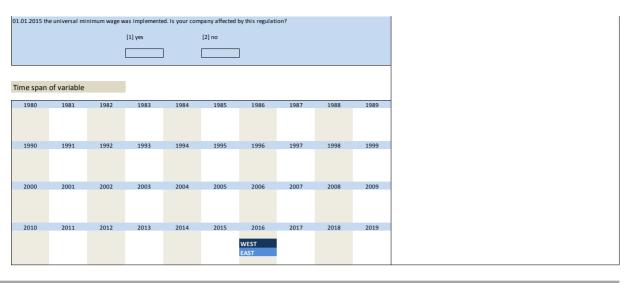
Survey frequency

		unfit level of o	qualification		[1] little]	[2] much			
1	ime span	of variable								
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
						WEST EAST				

	No.	Name		Label				Survey per	iod			Survey frequency	
3	3.37)	dl_ref8		refugees ques	tion 8			East and W	est 12/20:	15		once	
,	Wording o	of question											
Ī											Further Information		
	12/2015												
	2. how much	of an obstacle t	o employing a	sylum seekers	do you consi	der the followin	g factors to be	in your branch	:				
				[1] little		[2] much							
		minimum wag	e]						
L													
	Time span	of variable											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
l													
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
						WEST							
						EAST							
L													

			Euro Ci				ou.ve, pe.				barrey medaciney
3.38)	dl_ref9		refugees ques	tion 9			East and V	Vest 12/20:	15		once
\\\!:	£										
wording o	of question										
										Further Information	
12/2015											
2. how much	of an obstacle	to employing	asylum seekers	do you consid	ler the following	g factors to be	in your branc	h:			
			[1] little		[2] much						
	lack of langua	age skills]							
Time spar	of variable										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
					WEST						
					EAST						

No.	Name	Label	Survey period		Survey frequency
		_			
3.39)	dl_minim_post1	affected by minimum wage	East and West 03/2016		once
Wording	of question				
				Further Information	
03/2016					



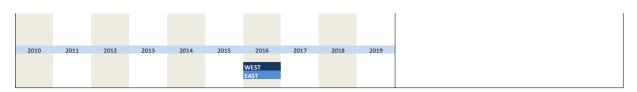
	Name		Label				Survey per	iod			Survey frequency
3.40)	dl_minim_	post2	no minimum	wage measures			East and V	Vest 03/20	16		once
Wording	of question										
If yes,	the universal mi		was implemente	ed. Is your com	pany affected	by this regulat	ion?			Further Information	
			none		[1]						
Time spa	n of variable										
1980	1981										
	1981	1982	1983	1984	1985	1986	1987	1988	1989		
	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990											
1990											
	1991	1992	1993	1994	1995	1996	1997	1998	1999		
	1991	1992	1993	1994	1995	1996	1997	1998	1999		

No. Name Label Survey period

41)	dl_minim_post3 measures: employee reduction						East and V	Vest 03/201	16		once
lording a	of question										
roruing (or question										
/2016										Further Information	
01 2015 +	he universal mi	nimum wage v	uas implemente	ad Is vour com	nany affected	l by this regulati	ion?				
yes,			vas impremente	a. 13 your com	parry arrected	i by una regulati	1011:				
hat measu	res did you utili										
		employee red	luction		[1]						
me spar	of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1500	1301	1982	1903	1504	1903	1500	1507	1300	1303		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
					2000						
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
						WEST					
						EAST					

Survey frequency

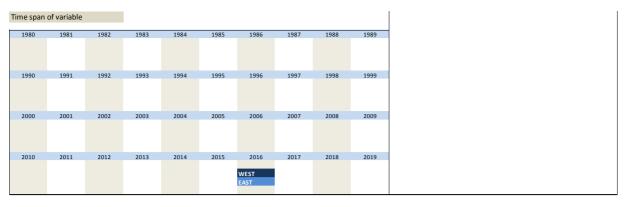
No.	Name		Label				Survey per	iod			Survey frequency	
3.42)	dl_minim_post4			measures: working hour reduction				/est 03/20:	16		once	
	of question							,				
										Further Information		
03/2016												
If yes,	the universal mi		as implemente	ed. Is your com								
What meas	ures did you utili		roduction		[1]							
		working hour	reduction		1[1]							
Time sna	n of variable											
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989			
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999			
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
						WEST						
						EAST						
NI-	Ne		1-6-1				Com	:I			C	
No.	Name		Label				Survey per	100			Survey frequency	
3.43)	dl_minim_	post5	measures: inc	reased prices			East and W	est 03/20	16		once	
Wording	of question											
										Further Information		
03/2016												
If yes,	the universal mi ures did you utili		as implemente	ed. Is your com								
wilatilleas		increased pric	res		[1]							
					11-1							
Time spa	n of variable											
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989			
4000	4004	4000	4000	4004	4005	4005	4007	4000	4000			
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999			
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
						WEST						
						EAST						
No	Nie		I-b I				Com	:I			Commission	
No.	Name		Label				Survey per	iod			Survey frequency	
3.44)	dl_minim_	post6	measures: de	reased invest	ment		East and W	est 03/20:	16		once	
Wording	of question											
										Further Information		
03/2016												
If yes,	the universal mi		as implemente	ed. Is your com	ipany affected	by this regulat	tion?					
wnat meas	ures did you utili											
		decreased inv	esunent		[1]							
Timesan												
	n of variable	1982	1083	1094	1095	1086	1027	1022	1080			
Time spa		1982	1983	1984	1985	1986	1987	1988	1989			
	n of variable	1982	1983	1984	1985	1986	1987	1988	1989			
	n of variable	1982	1983	1984	1985	1986	1987 1997	1988	1989			
1980	n of variable											



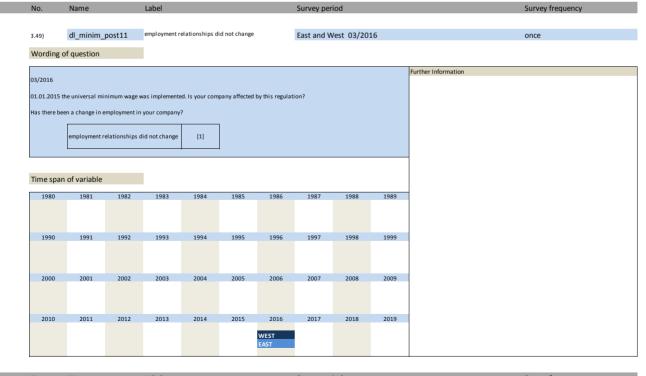
	Name		Label				Survey per	iod			Survey frequen	су
3.45)	dl_minim_l	post7	measures: dec	reased special	I payments		East and W	/est 03/20:	16		once	
Wording o	of question											
03/2016										Further Information		
If yes,	ne universal mii res did you utili		vas implemente	ed. Is your com	pany affected	by this regulat	tion?					
	decresed spec	ial payments			[1]							
Time span	of variable											
1980	1981											
	1981	1982	1983	1984	1985	1986	1987	1988	1989			
	1981	1982	1983	1984	1985	1986	1987	1988	1989			
1990	1981	1982 1992	1983	1984	1985	1986	1987	1988	1989			
1990												
1990												
	1991	1992	1993	1994	1995	1996	1997	1998	1999			
	1991	1992	1993	1994	1995	1996	1997	1998	1999			

No.	Name		Label				Survey per	riod			Survey frequency
3.46)	dl_minim_	post8	less minijobs				East and V	Vest 03/20:	16		once
Wording o	of question										
										Further Information	
03/2016											
01.01.2015 th	he universal mi	nimum wage v	was implemente	ed. Is your com	pany affected	by this regulati	ion?				
Has there bee	en a change in e	mployment in	your company	?							
	less minijobs				[1]						
]1-1						
Time span	of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
						WEST					
						EAST				I .	

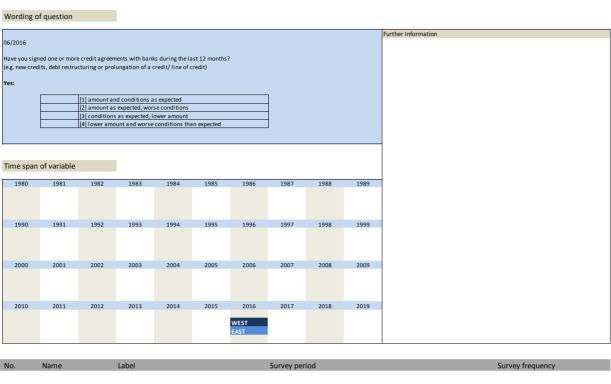
N	э.	Name	Label		Survey period		Survey frequency
3.4	17)	dl_minim_post9	minijobs transformed into insurable employme	ent	East and West 03/2016		once
W	ording of	f question	l				
	,					Further Information	
03	/2016						
01	.01.2015 th	e universal minimum wage v	vas implemented. Is your company affected by th	is regula	ation?		
На	s there beer	n a change in employment in	your company?				
		minijobs were transformed employment	into insurable [1]				



	Name		Label				Survey per	iod			Survey frequency	
			l				-					
3.48)	dl_minim_l	post10	new insurable	emproyment			East and W	/est 03/20:	16		once	
Wording o	of question											
										Further Information		
03/2016												
01.01.2015 tl	he universal mi	nimum wage w	as implemente	d. Is your com	pany affected	by this regulat	ion?					
Has there bee	en a change in e	mployment in	your company	,								
	new insurable	employment	was generated	[1]								
Time chan	of variable											
Time span												
Time span	of variable	1982	1983	1984	1985	1986	1987	1988	1989			
		1982	1983	1984	1985	1986	1987	1988	1989			
		1982	1983	1984	1985	1986	1987	1988	1989			
		1982	1983	1984	1985	1986	1987	1988	1989			
1980	1981											
1980	1981											
1980	1981											
1980	1981 1991	1992	1993	1994	1995	1996	1997	1998	1999			
1980	1981 1991	1992	1993	1994	1995	1996	1997	1998	1999			
1980	1981 1991	1992	1993	1994	1995	1996	1997	1998	1999			
1980	1981	1992	1993	1994	1995	1996 2006	1997 2007	1998	1999			
1980	1981	1992	1993	1994	1995	1996	1997 2007	1998	1999			

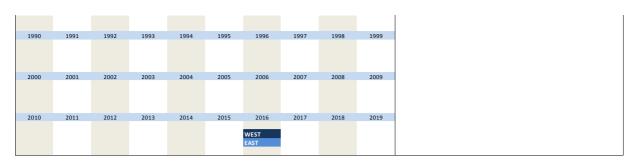


No	. N	lame	Label	Survey period	Survey frequency
		11 124	credit agreement signed	5	
3.50	o) a	I_credityes	tredit agreement signed	East and West 06/2016	once



No.	Name		Label				Survey per	iod			Survey frequency	
3.51)	dl_creditne	0	credit agreem	ent not signed			East and V	Vest 06/20:	16		once	
Wording	of question											
06/2016										Further Information		
	gned one or more					i?						
no, because	:											
		[1] no need [2] unaccepta										
		[3] denied by		credit								
Time spar	n of variable											
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989			
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999			
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
						WEST EAST						

No.	Name		Label				Survey per	iod			Survey frequency
3.52)	dl_credituse	e1	financing of o	ngoing operati	ng resources		East and W	Vest 06/20:	16		once
Wording	of question										
										Further Information	
06/2016										Tartier miormation	
What was th	e usage of your la	ast negotiate	d credit?								
	financing of or	ngoing opera	ting resources	[1]							
_											
Time spar	of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		



No.	Name		Label				Survey per	iod			Survey frequenc
3.53)	dl_creditus	e2	financing of a	n investment			East and W	est 06/20	16		once
Wording	of question										
										Further Information	
06/2016											
What was t	ne usage of your	last negotiate	d credit?								
	financ	ing of an inve	stment	[1]							
Time spa	n of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
1990	1991	1992	1993	1994	1995	1996	1997	1998			
1990	1991	1992	1993	1994	1995	1996	1997	1998			
1990	1991	1992	1993	1994	1995	1996	1997	1998			
									1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	1999		
									1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	1999		

East and West 06/2016 once Wording of question Further Information Further Information	No.	Name		Label				Survey per	100			Survey frequency	
Wording of question Further Information													
Further Information	3.54)	dl_creditus	se3	other financin	g			East and V	Vest 06/201	16		once	
06/2016 What was the usage of your last negotiated credit? Others [1]	Wording	of question											
06/2016 What was the usage of your last negotiated credit? Others [1]											Further Information		
Time span of variable 1980	06/2016										Turner mormation		
Time span of variable 1980	What was th	ne usage of your	last negotiate	d credit?									
Time span of variable 1980													
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009			others		[1]								
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009													
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	Time spar	n of variable											
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009													
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989			
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009													
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999			
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019													
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019													
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
WEST EAST													
COT							LAST						

No.	Name	Label	Survey period		Survey frequency
3.55)	dl_midmanager	mid tier: more than 4 managers	East and West 08/2016		once
Wording	of question				
				Further Information	
08/2016					
mid tier					
Does your o	company have more than 4 ma	anagers?			
				1	

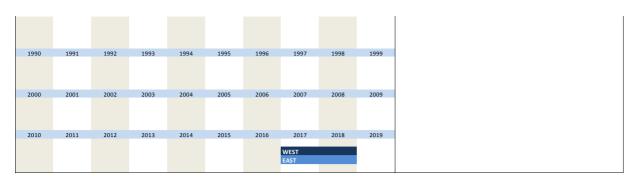
1								1		
			yes [1]			no [2]				
Time	span o	f variable								
19	980	1981	1982	1983	1984	1985	1986	1987	1988	1989
19	990	1991	1992	1993	1994	1995	1996	1997	1998	1999
20	000	2001	2002	2003	2004	2005	2006	2007	2008	2009
20	010	2011	2012	2013	2014	2015	2016	2017	2018	2019
							WEST			
							EAST			

	Name		Label				Survey per	iod			Survey frequency
3.56)	dl_midmar	nshare	mid tier: at lea	st one manag	er has shares		East and W	/est 08/20:	16		once
Wording	of question										
wording	or question										
08/2016										Further Information	
mid tier											
	t one of your ma	nagers hold s	shares of your co	ompany?							
		yes [1]			no [2]]				
Time spar	n of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1500	1561	1302	1565	1364	1505	1360	1567	1500	1303		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2000	2001	2002	2003	2004	2005	2006 2016 WEST	2007	2008	2009		

3.57)	dl_midyes		mid tier: comp	any rated as r	nid tier		East and W	/est 08/20:	16	once
Wording of	Nording of question									
08/2016										Further Information
mid tier Would you ra	te your compa	ny as a "mid t	ier" company?							
		yes [1]			no [2]]			
Time span										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	2001						2007			
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016 WEST	2017	2018	2019	
						EAST				

3.58)	dl_credit2_	_1	credit seeking				East and W	est since 0	3/2017		March, June, September, Decem
Wording o	of question										
03/2017										Further Information	
credit allocati	ion t talks with bar	nks during the	last 3 months								
			_			7					
			[1] yes			[2] no					
Time span	of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
							WEST EAST				
No.	Name		Label				Survey per	iod			Survey frequency
3.59)	dl_credit2_	2	credit allocati	on			East and W	est since 0	3/2017		March, June, September, Decem
	of question	_							•		
										Further Information	
03/2017 credit allocati	ion										
	t talks with bar										
Banks behave			yes								
baliks beliave	eu III tilese		[1] accomoda	ting							
			[2] normal								
			[3] reserved								
Time span	of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
							WEST EAST				
No.	Name		Label				Survey per	iod			Survey frequency
3.60)	dl_credit2_	_3	reasons for no	ot credit seeki	ing		East and W	est since 0	3/2017		March, June, September, Decen
Wording o	of question										
03/2017										Further Information	
credit allocati											
	t talks with bar										
			₫no								
			[1] no need								
			[2] other reaso	ons							

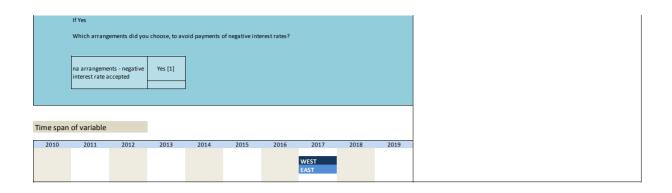
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989



	Name		Label				Survey peri	iod			Survey frequency
3.61)	dl exports		exporting servi	ices to foreign	companies/n	ersons	East and W	last since (04/2017		once
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Last and w	est since (04/2017		once
Wording	of question										
04/2017										Further Information	
Does your f	irm export service	es to foreign	companies/pers	ons?							
				[1] yes							
				[2] no							
				[3] not custon	nary in our fiel	d					
				[4] no stateme	ent possible						
Time spa	n of variable										
	iii oi variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
		1982	1983	1984	1985	1986	1987	1988	1989		
		1982	1983	1984	1985	1986	1987	1988	1989		
		1982	1983 1993	1984	1985	1986	1987	1988 1998	1989		
1980	1981										
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999		
1980	1981										
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999		
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999		
1980 1990 2000	1981 1991 2001	1992	1993 2003	1994	1995 2005	1996	1997 2007 2017	1998	1999		
1980 1990 2000	1981 1991 2001	1992	1993 2003	1994	1995 2005	1996	1997 2007	1998	1999		
1980 1990 2000	1981 1991 2001	1992	1993 2003	1994	1995 2005	1996	1997 2007 2017 WEST	1998	1999		

3.62)	dl_negint			confronted wit	h negative int	erest rates	East and W	est since 0	6/2017	once
Wording o	of question									
Jun 17	,									Further Information
	Have you face	d negative inte	rest rates on o	apital contribu	tion by at leas	t one of your	banks?			online only
			Yes [1]	No [2]						
_										
Time span	of variable									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
							WEST EAST			

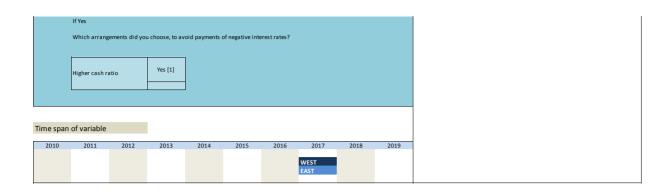
No.	Name	Label		Survey period		Survey frequency
3.63)	dl_negint_noact		negative interest actions: none	East and West since 06/2017		once
Wording	of question					
Jun	17				Further Information	
Juli		terest rates on c	apital contribution by at least one of your	banks?	online only	



No.	Name	Label		Survey perio	d		Survey frequency
3.64)	dl_negint_agree		e interest actions: bank	East and Wes	st since 06/2017		once
		agreen	ents				
Wording	of question						
Jun	17					Further Information	
Jun	17					rurther information	
	Have you faced negat	ve interest rates on capital o	ontribution by at least one of y	our banks?		online only	
	If Yes						
	Which arrangements	did you choose, to avoid pay	ments of negative interest rates	5?			
	Negoation with bank	Yes [1]					
Time spa	an of variable						
2010	2011 20	.2 2013 20	14 2015 2016	5 2017	2018 2019		
				WEST EAST			
						1	

No.	Name	Label			Survey peri	od		Survey frequency
3.65)	dl_negint_c	hange	nega tive inter	est actions: change of bank	East and W	est since (06/2017	once
Wording	of question							
Jun	17							Further Information
	Have you faced	d negative interest rate	s on capital contrib	ution by at least one of you	r banks?			online only
	If Yes							
	Which arrange	ements did you choose,	to avoid payments	of negative interest rates?				
	Change to anot which does no negative intere	t require Yes [1]					
	an of variable							
2010	2011	2012 201	3 2014	2015 2016	2017	2018	2019	
					WEST			

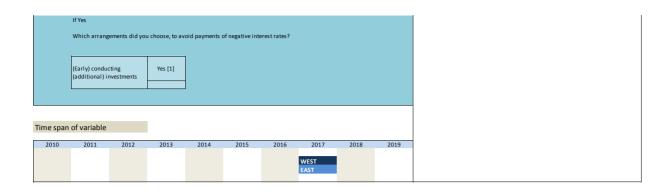
No.	Name	Label		Survey period		Survey frequency
3.66)	dl_negint_inc		negative interest actions: increase of cash	East and West since 06/2017		once
Wording	of question					
Jun :	17				Further Information	
	Have you faced negative int	terest rates on o	capital contribution by at least one of your b	panks?	online only	



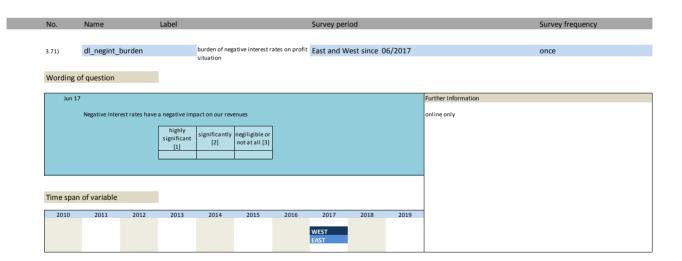
3.67) dl_negint_redas negative interest actions: redeployment in Content of Seat and West since 06/2017 once other financial assets and settlement of Seat and West since 06/2017 once other financial assets and settlement of Seat and West since 06/2017 once other financial assets and settlement of Seat and West since 06/2017 once other financial assets and settlement of Seat and West since 06/2017 once other financial assets and settlement of Seat and Seat a	No.	Name	Label			Survey per	iod		Survey frequence	,
Wording of question Jun 17 Have you faced negative interest rates on capital contribution by at least one of your banks? If Yes Which arrangements did you choose, to avoid payments of negative interest rates? Shift to other financial assets and prepayment credit Time span of variable										
Wording of question Jun 17 Have you faced negative interest rates on capital contribution by at least one of your banks? If Yes Which arrangements did you choose, to avoid payments of negative interest rates? Shift to other financial assets and prepayment credit Time span of variable	3.67)	dl_negint_redas		negative intere	est actions: redeployment	in East and W	est since C	6/2017	once	
Jun 17 Have you faced negative interest rates on capital contribution by at least one of your banks? If Yes Which arrangements did you choose, to avoid payments of negative interest rates? Shift to other financial assets and prepayment credit Time span of variable				otner financia	i assets and settlement of					
Have you faced negative interest rates on capital contribution by at least one of your banks? If Yes Which arrangements did you choose, to avoid payments of negative interest rates? Shift to other financial assets and prepayment credit Time span of variable	Wording o	f question								
Have you faced negative interest rates on capital contribution by at least one of your banks? If Yes Which arrangements did you choose, to avoid payments of negative interest rates? Shift to other financial assets and prepayment credit Time span of variable	h 17								Further Information	
If Yes Which arrangements did you choose, to avoid payments of negative interest rates? Shift to other financial assets and prepayment credit Time span of variable	Jun 17								rurther miormation	
Which arrangements did you choose, to avoid payments of negative interest rates? Shift to other financial assets and prepayment credit Yes [1]		Have you faced negative	interest rates on	capital contribu	ition by at least one of yo	ur banks?			online only	
Shift to other financial assets and prepayment credit Time span of variable		If Yes								
assets and prepayment redit Yes [1] Time span of variable		Which arrangements di	d you choose, to a	void payments o	of negative interest rates?					
assets and prepayment redit Yes [1] Time span of variable										
Time span of variable		Shift to other financial								
Time span of variable			Yes [1]							
		credit]						
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	Time span	of variable								
2010 2011 2012 2013 2014 2013 2010 2017 2010	2010	2011 2012	2013	2014	2015 2016	2017	2018	2019		
	2010	2012	2013	2314	2010		2310	2313		
WEST EAST						WEST				

No.	Name	Label				Survey peri	iod			Survey frequency
3.68)	dl_negint_redas	int	negative inter	est actions: re	deployment o	f East and W	est since 0	6/2017		once
			assets within	company						
Wording	of question									
									Further Information	
Jun :	17								Further Information	
	Have you faced nega	tive interest rates on	capital contribu	ution by at leas	st one of your	banks?			online only	
	If Yes									
	Which arrangements	did you choose, to	void payments	of negative int	erest rates?					
		, ,								
	Rearrangements of f	inds to	1							
	other segments of th									
	company									
Time spa	in of variable									
2010		012 2013	2014	2015	2016	2017	2018	2019		
2010	2011 2	2013	2014	2015	2016	2017	2018	2019		
						WEST				
						EAST				

No.	Name	Label		Survey period		Survey frequency
3.69)	dl_negint_inv		negative interest actions: investing or	East and West since 06/2017		once
		F	preponing (additional) investments			
Wording	of question					
Jun :	17				Further Information	
	Have you faced negative i	nterest rates on ca	pital contribution by at least one of your	banks?	online only	



No.	Name	Label	-	_	Survey per	riod	-	Survey frequency
3.70)	dl_negint_oth		negative interes	st actions: other	East and W	Vest since C	6/2017	once
Wording	of question							
Jun :	17							Further Information
	Have you faced neg	gative interest rates or	capital contribut	ion by at least one of y	your banks?			online only
	If Yes							
	Which arrangemen	nts did you choose, to	avoid payments of	negative interest rate	s?			
			7					
	Other: please spec	ify Yes [1]						
T:								
Time spa	in of variable							
2010	2011	2012 2013	2014	2015 2016	5 2017	2018	2019	
					WEST EAST			

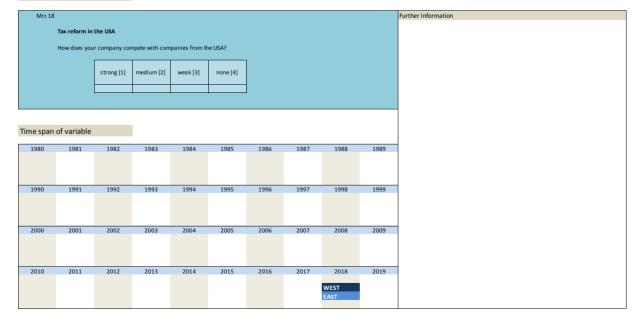


No.	Name	Label	Survey period	Survey frequency
3.72)	dl_negint_banks	number of relationship banks	East and West since 06/2017	once
Wording	g of question			
Wording	•			Further Information
	•	you use?		Further Information online only
	17	you use?		

		0 [0]	1 [1]	2 [2]	3 [3]	4 [4]	More than 4 [5]		
Time span	of variable								
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
							WEST EAST		
							EAST		

No.	Name		Label				Survey pe	riod			Survey freq	uency
				l								
3.73)	dl_ustax_s	ales		tax reform: pe	rcentage sales	in US	East and V	Vest since 0	3/2018		once	
Wording	of question											
Mrz	18									Further Information		
	Tax reform in	the USA										
	What percent	age of your an	nual turnover	omes from the	USA?							
				_%								
Time spa	n of variable											
Fime spa	n of variable	1982	1983	1984	1985	1986	1987	1988	1989			
			1983	1984	1985	1986	1987	1988	1989			
1980	1981	1982										
			1983	1984	1985 1995	1986	1987 1997	1988	1989 1999			
1980	1981	1982										
1980	1981	1982	1993	1994	1995	1996	1997	1998	1999			
1980	1981	1982										
1980	1981	1982	1993	1994	1995	1996	1997	1998	1999			
1980	1981	1982	1993	1994	1995	1996	1997	1998	1999			

No.	Name	Label		Survey period	Survey frequency
	dl_ustax_compe		tax reform: competition with US-	East and West since 03/2018	once

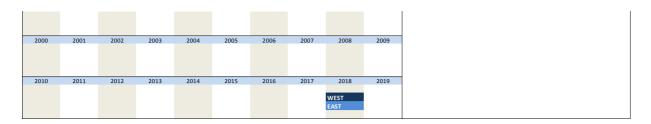


No.	Name	Label		Survey period	Survey frequency
3.75)	dl_ustax_shortterm		tax reform: tax burden short term	East and West since 03/2018	once

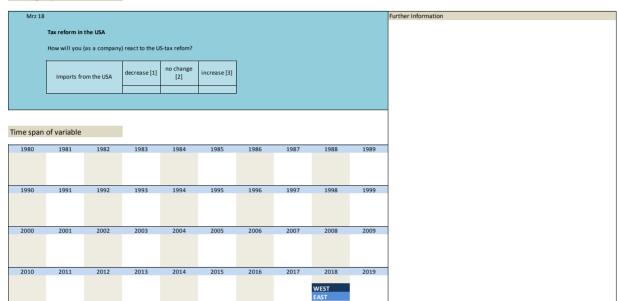
Mrz 1	В								
	Tax reform in	the USA							
			x burden of you	r company wil	I on the				
	Due to the tax	reioriii die ta	x burden or you	company with	Ton the				
	short	term	decrease [1]	stay the same [2]	increase [3]				
	31101	. term		341116 [2]					
ime coar	of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
								WEST	
								EAST	

No.	Name		Label				Survey pe	riod			Survey frequency	
.76)	dl_ustax_lo	ngterm		tax reform: tax	burden long to	erm	East and V	Vest since 0	3/2018		once	
Wording o	of question											
Mrz 18	8									Further Information		
	Tax reform in	.b 1104										
	Due to the tax	reform the tax	burden of your	company will	on the							
				stay the								
	long	term	decrease [1]	same [2]	increase [3]							
īme snar	of variable											
	n of variable											
ime spar	of variable	1982	1983	1984	1985	1986	1987	1988	1989			
		1982	1983	1984	1985	1986	1987	1988	1989			
1980	1981											
		1982	1983	1984	1985	1986	1987	1988	1989			
1980	1981											
1980	1981											
1980	1981											
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999			
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999			
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999			
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999			

3.77)	dl_ustax_e	xport		tax reform: re	action export		East and V	Vest since 03	/2018	once
Wording	of question									
Mrz 1	8									Further Information
	Tax reform in	the USA								
	How will you	(as a company	react to the U	S-tax refom?						
	Exports t	o the USA	decrease [1]	no change [2]	increase [3]					
Time spar	n of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	

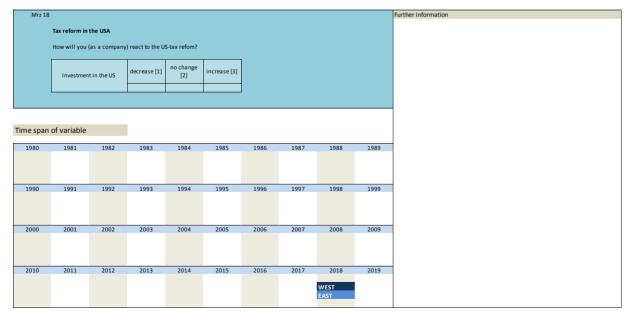


No.	Name	Label		Survey period	Survey frequency
3.78)	dl_ustax_import		tax reform: reaction import	East and West since 03/2018	once

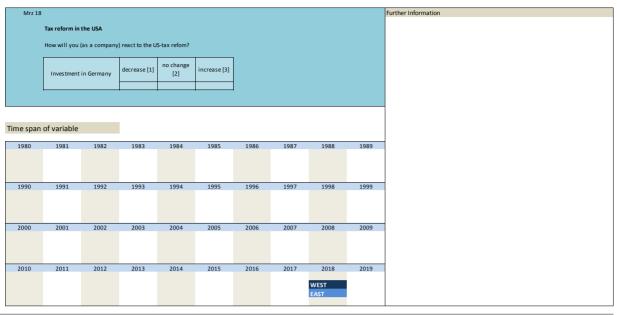


No.	Name	Label		Survey period	Survey frequency
3.79)	dl_ustax_invus		tax reform: reaction investment in US	East and West since 03/2018	once

Wording of question



No.	Name	Label	Survey period	Survey frequency
3.80)	dl_ustax_invger	tax reform: reaction investment in	East and West since 03/2018	once
		Germany		

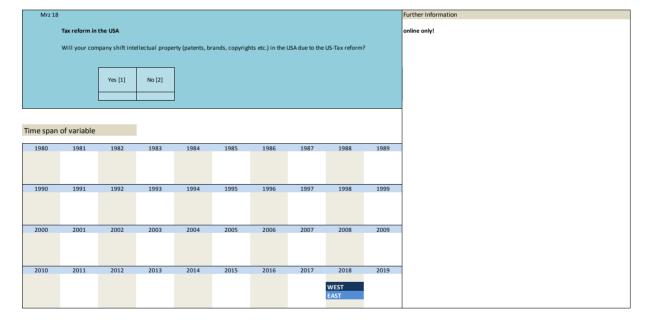


No. Name Label Survey period Survey frequency

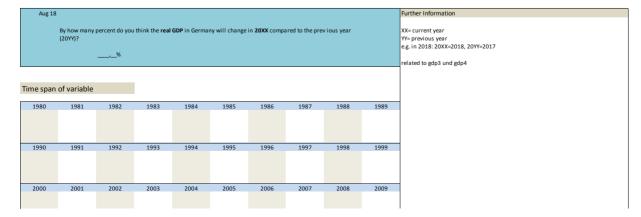
3.81) dl_ustax_intelprop tax reform: relocation of intellectual property

East and West since 03/2018 once

Wording of question



No.	Name	Label	Survey period	Survey frequency
3.82)	dl gdp1	real gdp: % change comp. la	West and East 08/2018	once



2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
								WEST	
								EAST	

No.	Name		Label				Survey pe	riod			Survey frequency
	dl = d= 2			impact econo	mic developm	ent on	\\/+	F+ 00/201			
3.83)	dl_gdp2			buisness situ		encon	west and	East 08/2018	3		once
Wording	of question										
Aug 1										Further Information	
	How Importa	nt is the gener	al economic de	elopment in (sermany for yo	our buisness si	tuation?				
		very	(2)	not as	less	un-important]				
		important [1]	important [2]		important [4]						
Time spar	n of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
								WEST EAST			
No.	Name		Label				Survey pe	riod			Survey frequency
							, , , .				, .,,
3.84)	dl_fserv			foreign service	es		West and	East 08/2018	3		once
Wording	of question										
Aug 1	8									Further Information	
	Does your co	mnany current	ly provide see	ices to person	or companion	resident abro	ad and/or do	you have plans			
		vities in the ne		oca to persons	от сотрание	cardent auro	au anu/or uo	, cu nave pians			
		Yes [1]	No [2]								
		1es [1]	NO [Z]								

1980 1981 1982 1983 1984 1985 1986 2008 2009 2010 2011 2018 2019 WEST EAST

No.	Name	Label		Survey period	Survey frequency
3.85)	dl_fserv_curreu			West and East 08/2018	once
			European country		

Wording of question

Aug 18

Does your company currently provide services to persons or companies resident abroad and/or do you have plans for these activities in the next two years?

If yes,

				European counrty [1]						
		curr	ent:							
Tir	ne span	of variable								
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
									WEST	

No.	Name		Label				Survey pe	riod		Survey frequency	
3.86)	dl_fserv_cu	ırrwo		current foreign	services: out	side Europe	West and	East 08/2018	3	once	
Wording o	of question										
	_										
Aug 18	8									Further Information	
	Does your con	nnany current	ly provide cer y	ices to persons	or companies	racidant abro	ad and/or do s	ou have nlans			
	for these activ			ices to persons	or companies	resident abio	ad and/or do y	ou nave plans			
	If yes,										
				1							
			outside Europe [1]								
	curr	ent:									
	Curi	ent.									
-											
Time span	of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1980	1981	1982	1983	1984	1985	1980	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
1990	1551	1992	1993	1554	1993	1990	1557	1556	1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2000	2001	2002	2003	2004	2003	2000	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
2010	2011	2012	2013	2014	2015	2010	2017		2019		
								WEST			
No.	Name		Label				Survey pe	riod		Survey frequency	

3.87)	dl_fserv_pl	aneu		planned foreig European cou		another	West and	East 08/201	8	once
Wording	of question									
Aug	18									Further Information
	Does your con for these activ			ices to persons	or companies	resident abro	ad and/or do y	ou have plans		
			in another European country [1]							
	plan	ned:								
Time spa	n of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	=1

2010	2011	2012	2013	2014	2015	2016	2017	2018 WEST EAST	2019

fserv_planwo estion		planned foreigr	n services: out	side Europe	West and	East 08/201	8	once	
		planned foreigr	n services: out	side Europe	West and	East 08/201	8	once	
estion									
estion									
								Further Information	
s your company currentl	y provide servi xt two years?	ces to persons o	or companies r	esident abro	ad and/or do	you have plans			
	actio years.								
:5,									
	outside								
	Europe [1]								
planned:									
ariable .									
1981 1982	1983	1984	1985	1986	1987	1988	1989		
1991 1992	1993	1994	1995	1996	1997	1998	1999		
2001 2002	2003	2004	2005	2006	2007	2008	2009		
2011 2012	2013	2014	2015	2016	2017	2018	2019		
						WEST EAST			
1	planned: planned: 1981 1982 1991 1992 2001 2002	Outside Europe [1]	outside Europe [1] planned: ariable 1981 1982 1983 1984 1991 1992 1993 1994 2001 2002 2003 2004	ariable 1981 1982 1983 1984 1985 1991 1992 1993 1994 1995 2001 2002 2003 2004 2005	Ariable 1981 1982 1983 1984 1985 1986 1991 1992 1993 1994 1995 1996 2001 2002 2003 2004 2005 2006	Ariable 1981 1982 1983 1984 1985 1986 1987 1991 1992 1993 1994 1995 1996 1997 2001 2002 2003 2004 2005 2006 2007	outside Europe [1] planned: ariable 1981	hese activities in the next two years? 5. Outside Europe [1] planned: 1981 1982 1983 1984 1985 1986 1987 1988 1989 1991 1992 1993 1994 1995 1996 1997 1998 1999 2001 2002 2003 2004 2005 2006 2007 2008 2009	s, outside Europe [1] planned: ariable 1981

			Label				Survey pe	rioa			Survey frequency
3.89)	dl_fop_nee	ed		foreign operat	ions challenge:	no need	West and	East 08/201	8		once
,		**							-		31100
\	-£										
wording	of question										
Aug 1	.8									Further Information	
	What aspects	prevent or cor	mplicate foreig	n operations of	f your company?	?					
				1							
			Yes[1]								
		terest on our									
		terest on our art									
Time sna	n of variable										
mire spa	ii oi variabic										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
1990	1991	1992	1993	1994	1995 2005	1996	1997	1998	1999		
1990	1991	1992	1993	1994	1995	1996	1997	2008	1999		
1990	1991	1992	1993	1994	1995 2005	1996	1997	1998 2008 2018 WEST	1999		
1990	1991	1992	1993	1994	1995 2005	1996	1997	2008	1999		
1990	1991	1992	1993	1994	1995 2005	1996	1997	1998 2008 2018 WEST	1999		

West and East 08/2018

once

foreign operations challenge: high risk/cost of market development

dl_fop_risk

3.90)

	What aspects	prevent or con	nplicate foreig i	n operations o	f your compan	y?			
			Yes [1]						
	high risk / co develo								
Time span	of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
1990	1551	1332	1993	1554	1993	1990	1997	1556	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
								WEST EAST	

	Name		Label				Survey per	100			
L)	dl_fop_qua	al		foreign operat	ions challenge	e: no	West and	East 08/201	8		once
				qualification							
ording	of question										
Aug 1	8									Further Information	
	What aspects	prevent or cor	mplicate foreig	n operations of	f your compan	y?					
			Yes [1]								
		alification/									
	experience o	of employees									
ne spar	n of variable										
ne spar	of variable	1982	1983	1984	1985	1986	1987	1988	1989		
			1983 1993	1984	1985	1986	1987	1988	1989		
1980	1981	1982									
1980	1981	1982									
1980	1981	1982	1993	1994	1995	1996	1997	1998	1999		
1980	1981	1982 1992 2002	1993	1994	1995	1996	1997	1998	1999		
1980	1981	1982	1993	1994	1995	1996	1997	1998 2008 2018	1999		
1980	1981	1982 1992 2002	1993	1994	1995	1996	1997	1998	1999		

No.	Name		Label				Survey per	iod			Survey frequency	
3.92)	dl_fop_entr	У			tions challenge	e: entry	West and I	East 08/201	.8		once	
				barrier								
Wording	of question											
Aug 1	18									Further Information		
Aug 1	.0									Turtier miormation		
	What aspects	prevent or cor	nplicate forei	gn operations o	f your compan	y?						
				1								
			Yes[1]									
	barrier to ma	rket access										
_												
Time spa	n of variable											
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989			
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999			
										1		

200	00	2001	2002	2003	2004	2005	2006	2007	2008	2009
201	10	2011	2012	2013	2014	2015	2016	2017	2018	2019
									WEST	
									EAST	

dl_fop_den	_									
dl_fop_den										
	1		foreign operat	ions challenge	: no demand	West and	East 08/201	3		once
ing of question										
ing of question										
ug 18									Further Information	
What aspects	prevent or co	mplicate foreig	n operations of	your company	y?					
		Yes[1]								
no demand t	or our offer									
span of variable										
ın 1981	1987	1983	1984	1985	1986	1987	1988	1989		
1301	1302	1303	1304	1303	1300	1307	1300	1303		
0 1991	1992	1993	1994	1995	1996	1997	1998	1999		
0 2001	2002	2003	2004	2005	2006	2007	2008	2009		
.0 2011	2012	2013	2014	2015	2016	2017	2018	2019		
							WEST			
							EAST			
	what aspects no demand f	What aspects prevent or con- no demand for our offer span of variable 10 1981 1982 10 1991 1992 10 2001 2002	What aspects prevent or complicate foreign	Ves[1]	What aspects prevent or complicate foreign operations of your company Yes [1]	What aspects prevent or complicate foreign operations of your company?	What aspects prevent or complicate foreign operations of your company?	What aspects prevent or complicate foreign operations of your company? Yes[1] no demand for our offer Span of variable 1981 1982 1983 1984 1985 1986 1987 1988 10 1991 1992 1993 1994 1995 1996 1997 1998 10 2001 2002 2003 2004 2005 2006 2007 2008 10 2011 2012 2013 2014 2015 2016 2017 2018	What aspects prevent or complicate foreign operations of your company? Yes[1] no demand for our offer 1981 1982 1983 1984 1985 1986 1987 1988 1989 10 1991 1992 1993 1994 1995 1996 1997 1998 1999 10 2001 2002 2003 2004 2005 2006 2007 2008 2009 10 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	What aspects prevent or complicate foreign operations of your company? Yes[1] no demand for our offer 1981 1982 1983 1984 1985 1986 1987 1988 1989 10 1991 1992 1993 1994 1995 1996 1997 1998 1999 10 2001 2002 2003 2004 2005 2006 2007 2008 2009 10 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST

No.	Name		Label				Survey pe	riod			Survey frequency
3.94)	dl_fop_ip			foreign opera intellectual p	tions challenge	e: protection	West and	East 08/201	8		once
				intellectual p	roperty						
Wording	of question										
Aug 1	18									Further Information	
	What aspects	prevent or co	mplicate forei	gn operations o	f your compan	y?					
				1							
			Yes [1]								
	lack of pro	otection of									
	intellectual p	roperty / data									
Time spa	n of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
1990	1551	1552	1993	1554	1993	1990	1997	1556	1555		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
								WEST			
								EAST			

No.	Name	Label		Survey period		Survey frequency
3.95)	dl_fop_stand		foreign operations challenge: different	West and East 08/2018		once
			standards			
Wording	of question					
Aug 1	8				Further Information	

	What aspects	prevent or com	plicate foreig	n operations o	f your compan	ıy?			
			Yes [1]						
		dards / norms oad							
Time span	of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
								WEST EAST	

No.	Name		Label				Survey per	riod			Survey frequency
3.96)	dl_fop_cult	:b		foreign operat		::	West and	East 08/2018	3		once
				cuiturai/iangu	age barriers						
Wording of	f question										
Aug 18										Further Information	
7 tag 20										Tartier miornation	
	What aspects	prevent or con	mplicate foreig	n operations of	your company	y?					
			Yes [1]								
	cultural /	language									
	barr										
Time span	of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
								WEST			
								EAST			

No.	Name		Label				Survey per	riod		Survey frequency
3.97)	dl_fop_oth			foreign operat	ions challenge	: other	West and	East 08/201	8	once
Wording	of question									
Aug 1	8									Further Information
										These comments are not part of the KT-Dataset. For access they have to be requested
	What aspects p	prevent or com	plicate forei g	gn operations of	your company	y?				at EBDC, seperately.
		Г		1						
			Yes [1]							
	Others:									
Time cnar	n of variable									
Tillie spai	ii di variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1552	1993	1594	1995	1990	1997	1339	1333	

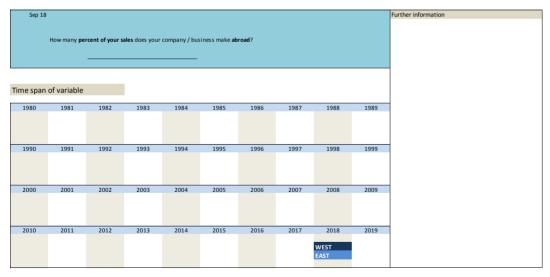
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
2010	2011	LUIL	2013	2014	2013	2010	2017	2010	2023
								WEST	
								EAST	

No.	Name	Label	Survey period	Survey frequency
3.98)	dl_found	founding year	West and East 09/2018	once

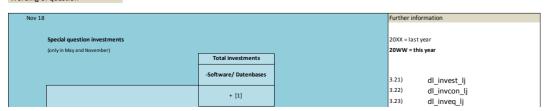


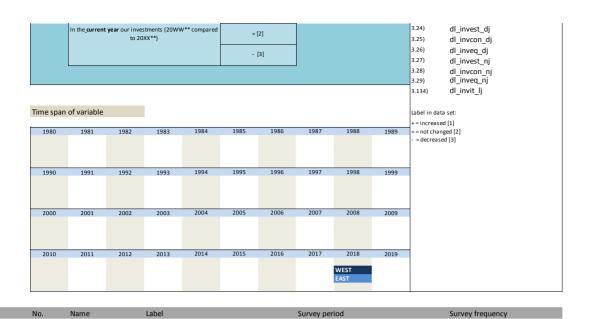
No.	Name	Label		Survey period	Survey frequency
3.99)	dl_forsales		sales: % in foreign country	West and East 09/2018	once

Wording of question



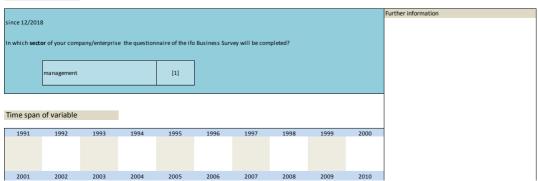
No.	Name	Label	Survey period	Survey frequency
3.100)	dl_invit_dj	investment in Software/database	this West and east since 11/2018	May, Nov.
		year		





101)	dl_invit_nj			year	Software/data		West and	east since 11	,, 2010	May, Nov.
ording	of question									
Nov 1	8									Further information
	Special questi		s							20YY = next 20WW = this year
	(Only III May and	November			Total inv	estments	7			ZOW W - this year
					-Software/	Datenbases				3.21) dl invest lj
					+	[1]				3.22) dl_invcon_lj 3.23) dl_inveq_lj
	Next yea	r our investme compared t	nts will likely loo 20WW**)	be (20YY**	=	[2]				3.24) dl_invest_dj 3.25) dl_invcon_dj
					-	[3]				3.26) dl_inveq_dj 3.27) dl_invest_nj
										3.28) dl_invcon_nj 3.29) dl_inveq_nj
										3.134) dl_invit_lj
me spai	n of variable									Label in data set: +=increased [1]
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	= = not changed [2] - = decreased [3]
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	

WEST





No.	Name	Label	Survey period	Survey frequency
3.103)	dl sec controlling	sector - questionnaire completed in: controlling	West East 12/2018	once

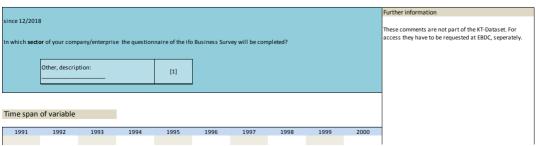


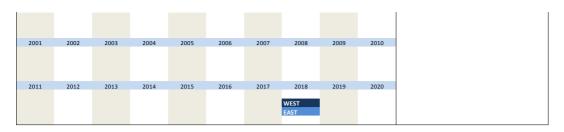
No.	Name	Label	Survey period	Survey frequency
3.104)	dl_sec_marketing	sector - questionnaire completed in: marketing	West East 12/2018	once

Wording of question

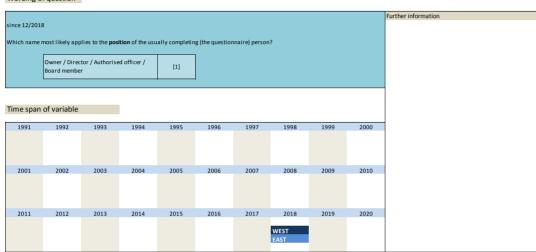


No.	Name	Label	Survey period	Survey frequency
3.105)	dl_sec_other	sector - questionnaire completed in: other	West East 12/2018	once



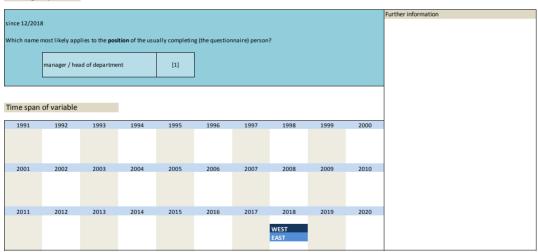


No.	Name	Label	Survey period	Survey frequency
3.106)	dl_pos_director	position - questionnaire completed by: director	West East 12/2018	once



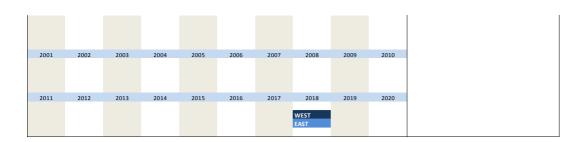
No.	Name	Label	Survey period	Survey frequency
3.107)	dl_pos_manager	position - questionnaire completed by: manager	West East 12/2018	once

Wording of question



No.	Name	Label	Survey period	Survey frequency
3.108)	dl_pos_teamleader		West East 12/2018	once
		position - questionnaire completed by: team leader		





No.	Name		Labei				Survey per	Ioa		Survey frequency
3.109)	dl_pos_cler	·k	position - que	stionnaire con	npleted by: cle	·k	West East	12/2018		once
Wording (of question									
										Further information
since 12/20	18									
Which name	most likely app	lies to the posi	ition of the usu	ally completin	g (the guestion	nnaire) persoi	1?			
				, , ,	1	,				
	Clerk			[1]						
										-
Time spar	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2011	2012	2013	2014	2015	2016	2017		2019	2020	
2011	2012	2013	2014	2015	2016	2017	2018 WEST EAST	2019	2020	

No.	Name	Label	Survey period	Survey frequency
3.110)	dl_pos_other	position - questionnaire completed by: other	West East 12/2018	once

